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Blokhush Sand

part 2

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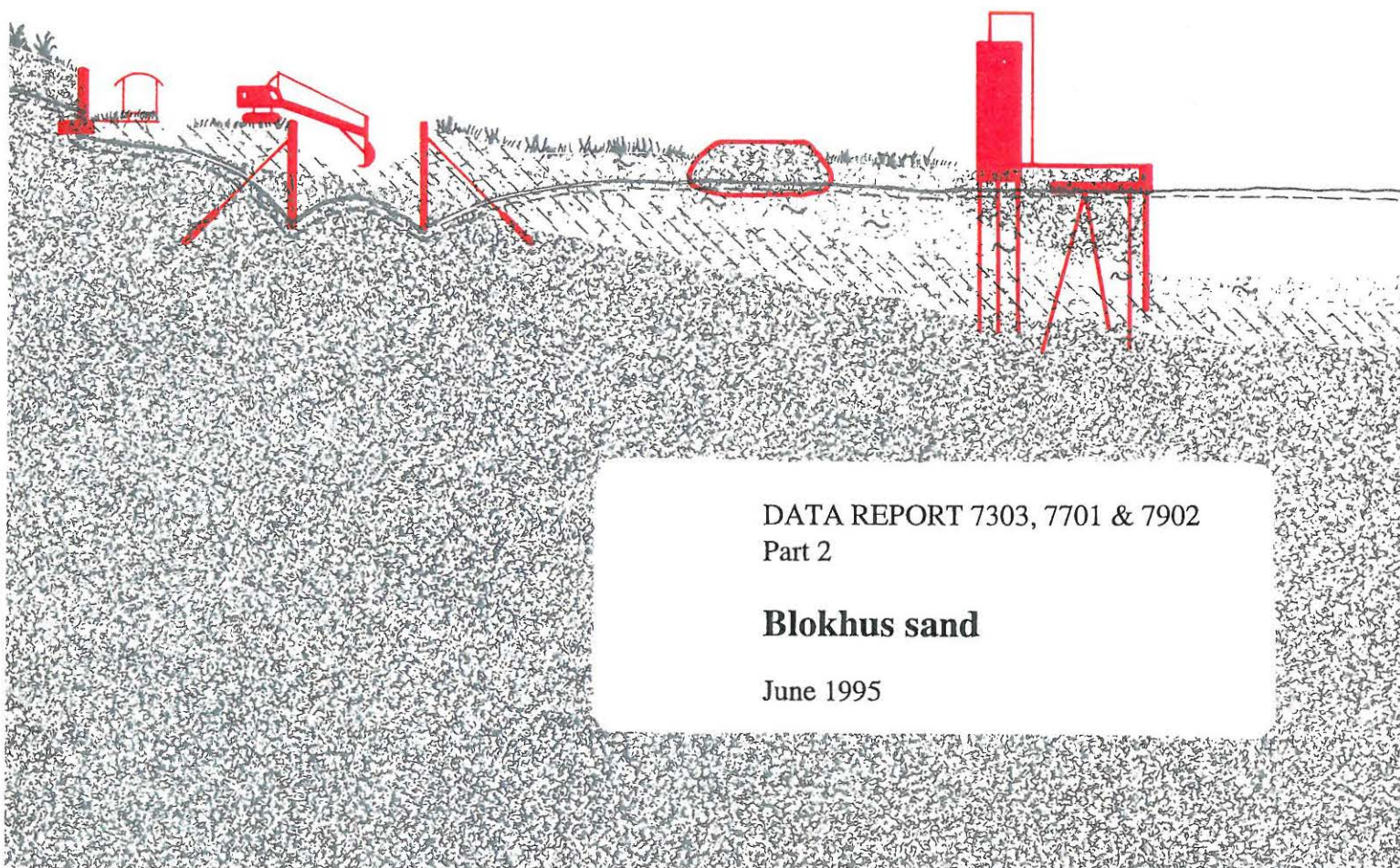
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DATA REPORT 7303, 7701 & 7902
Part 2

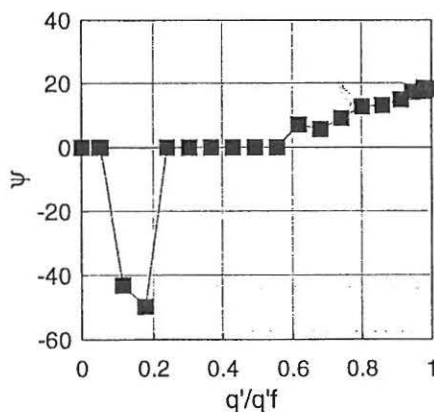
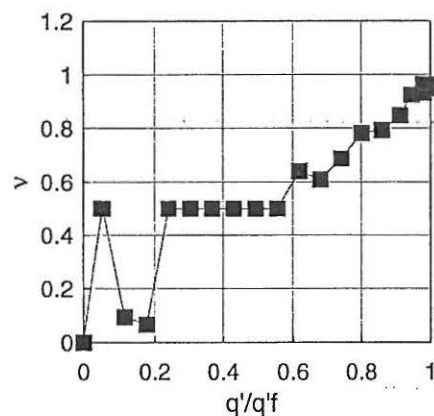
Blokhush sand

June 1995

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	0.623
		Saturation	0.577	
Loadtransducer	07.07.77	Dimension H mm	0	
200-3		D mm	72	
			70	

TEST-PROGRAM	Drained compression.		
CD - Triaxial test. free ends	1. Isotropic compression.	σ_3	8-100 kPa
		ϵ_1	0.09 %
		ϵ_v	0.23 %
	2. Drained compression.		
Deformation rate:			7.9 % ph

		Values at failure		Values for $\Delta\epsilon_v = 0$	
Deviator stress	q'	404.5	kPa	225.0	kPa
Mean normal stress	p'	234.8	kPa	175.0	kPa
Confining pressures	σ_3	100.0	kPa	100.0	kPa
Vertical strain	ϵ_1	4.71	%	0.67	%
Volumetric strain	ϵ_v	-2.94	%	0.07	%

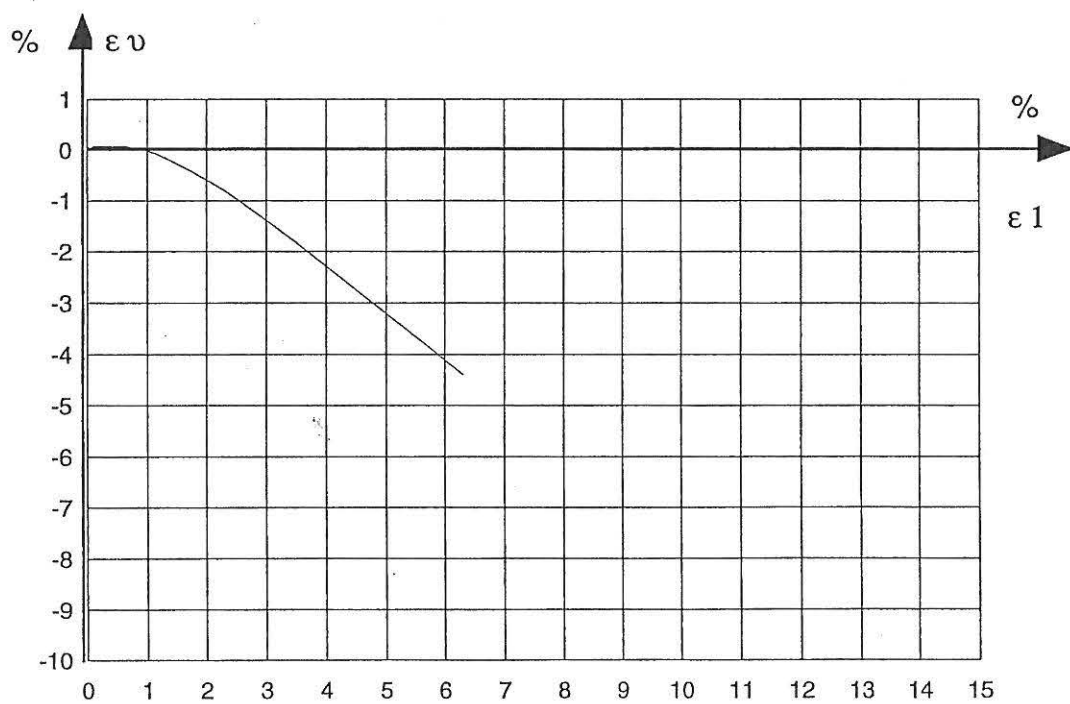
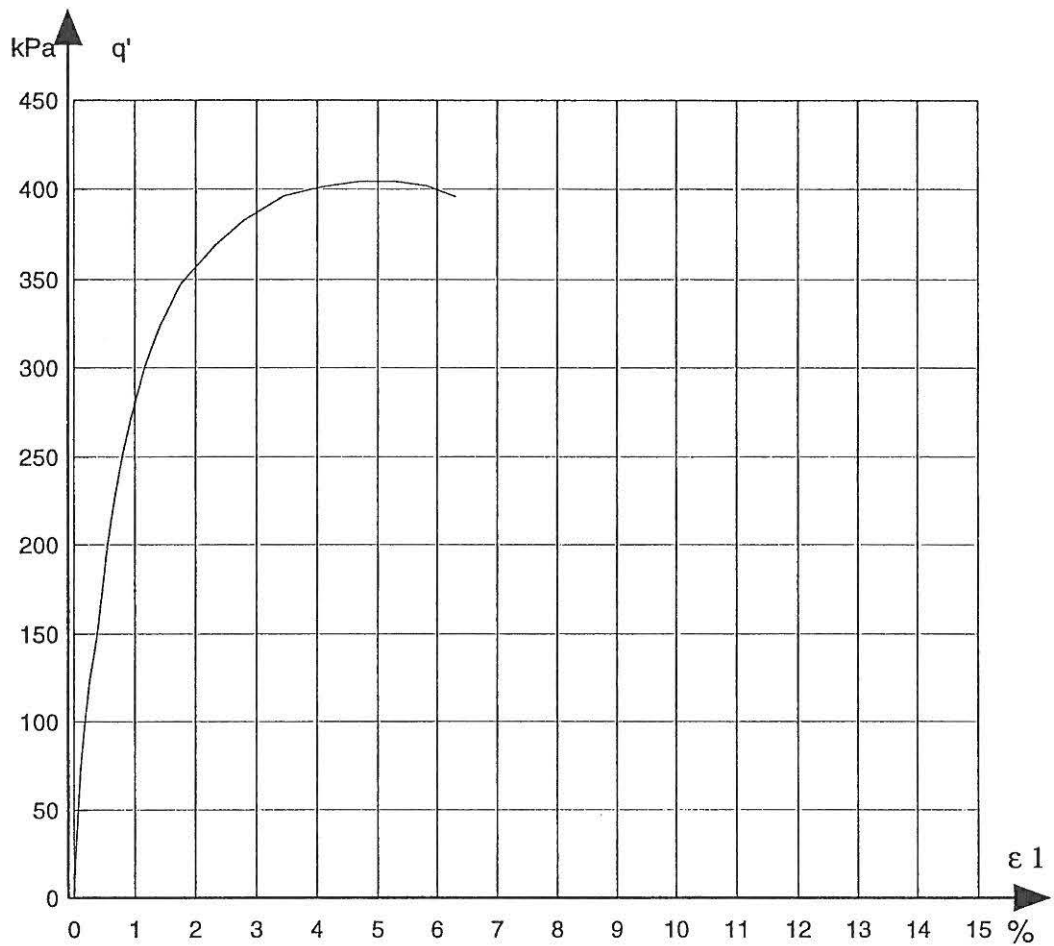


q'	p'	ϵ_1	ϵ_v
0.00	100.00	0.00	0.00
20.29	106.76	0.02	0.00
46.03	115.34	0.06	0.04
71.77	123.92	0.11	0.07
97.44	132.48	0.18	0.07
123.07	141.02	0.25	0.07
148.59	149.53	0.37	0.07
174.11	158.04	0.47	0.07
199.58	166.53	0.56	0.07
224.95	174.98	0.67	0.07
250.13	183.38	0.80	0.04
275.13	191.71	0.96	0.00
299.84	199.95	1.15	-0.07
323.96	207.99	1.41	-0.22
347.41	215.80	1.75	-0.42
368.98	222.99	2.32	-0.81
382.49	227.50	2.78	-1.21
396.42	232.14	3.45	-1.79
401.49	233.83	4.10	-2.38
404.47	234.82	4.71	-2.94
404.22	234.74	5.29	-3.46
401.90	233.97	5.83	-3.95
395.79	231.93	6.31	-4.40

Job:	Encl. No
Blokhus sand	3
Exc:	Check:
HSP	LBI

Remark:

The specimen slipped out after failure.

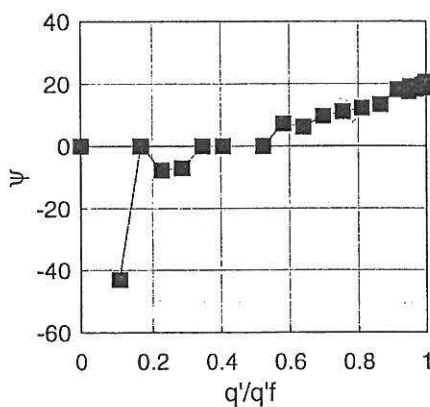
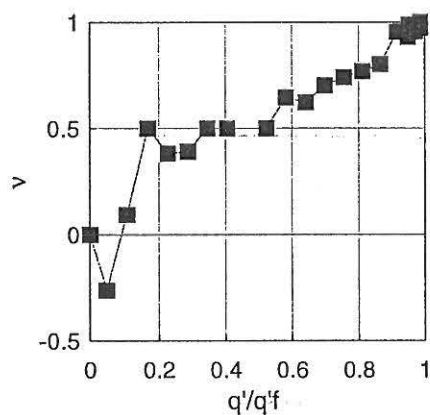


Job:	Encl. No
Blokhuis sand	4
Exc:	Check:
HPS	LBI

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	
Loadtransducer 200-3	08.08.77	Saturation	0.550	0.607
		Dimension H mm	0	
		D mm	72	
			70	

TEST-PROGRAM	Drained compression.		
CD - Triaxial test. free ends	1. Isotropic compression.	σ_3	8-100 kPa
		ϵ_1	0.10 %
		ϵ_v	0.31 %
	2. Drained compression.		
Deformation rate:			8.9 % ph

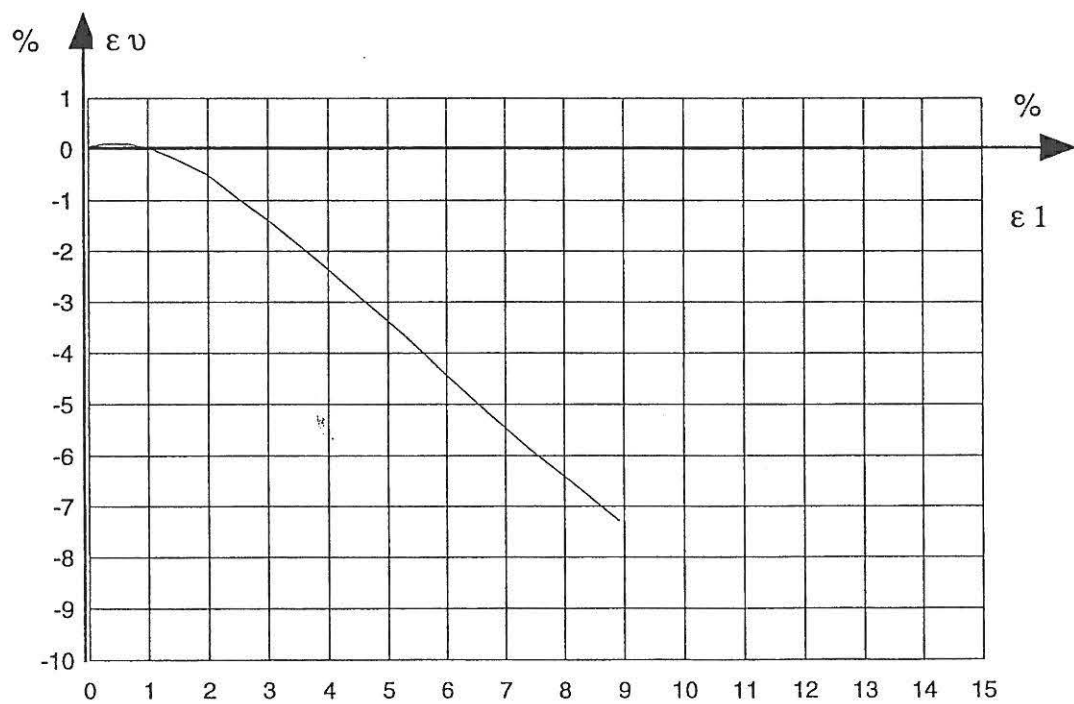
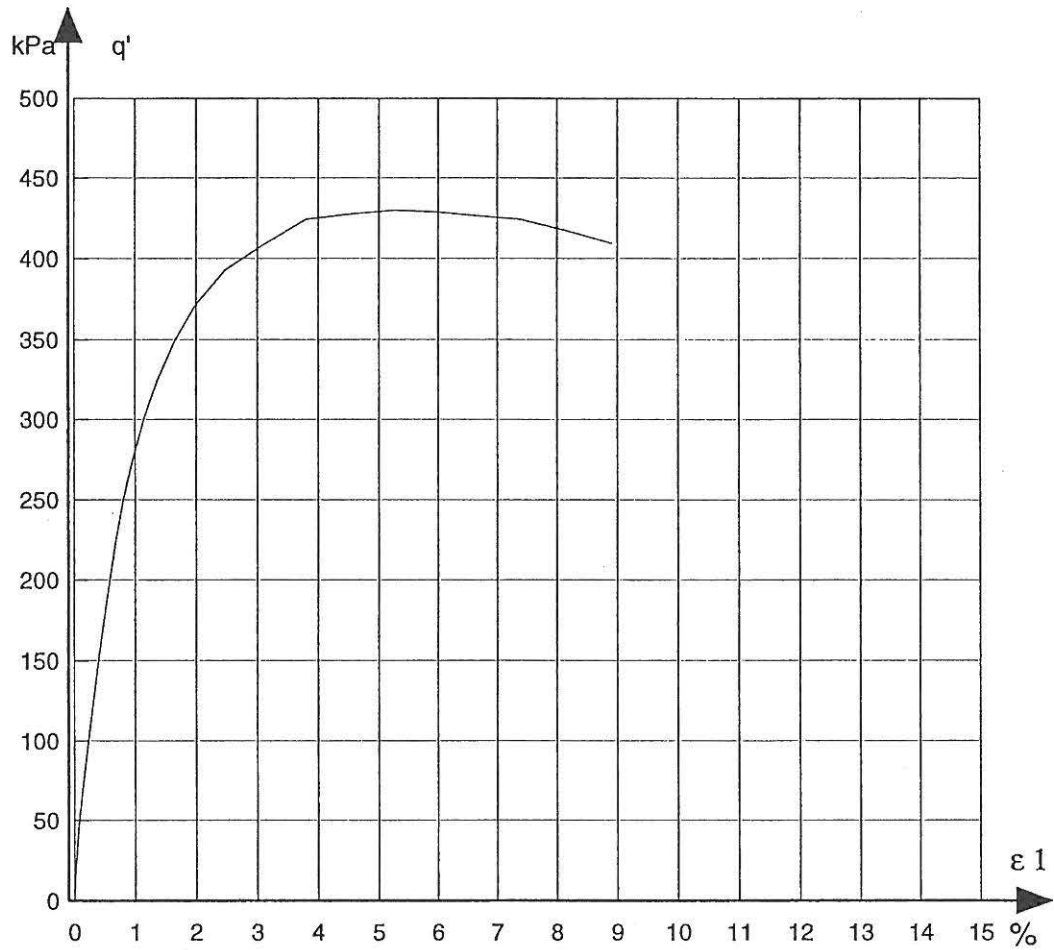
		Values at failure		Values for $\Delta \epsilon_v = 0$	
Deviator stress	q'	429.9	kPa	225.1	kPa
Mean normal stress	p'	243.3	kPa	175.0	kPa
Confining pressures	σ_3	100.0	kPa	100.0	kPa
Vertical strain	ϵ_1	5.26	%	0.69	%
Volumetric strain	ϵ_v	-3.65	%	0.11	%



q'	p'	ϵ_1	ϵ_v
0.00	100.00	0.00	0.00
20.40	106.80	0.02	0.04
46.15	115.38	0.07	0.07
71.85	123.95	0.14	0.07
97.52	132.51	0.22	0.09
123.16	141.05	0.30	0.11
148.73	149.58	0.39	0.11
174.24	158.08	0.48	0.11
225.09	175.03	0.69	0.11
250.28	183.43	0.81	0.07
275.33	191.78	0.96	0.04
300.08	200.03	1.14	-0.04
348.35	216.12	1.63	-0.29
371.45	223.82	1.99	-0.51
392.94	230.98	2.47	-0.94
407.64	235.88	3.05	-1.44
424.23	241.41	3.80	-2.15
427.76	242.59	4.55	-2.92
429.93	243.31	5.26	-3.65
429.03	243.01	5.97	-4.40
426.62	242.21	6.67	-5.12
424.27	241.42	7.40	-5.85
417.46	239.15	8.15	-6.53
409.29	236.43	8.92	-7.29

Job:	Encl. No
Blokhus sand	5
Exc:	Check:
HSP	LBI

Remark:

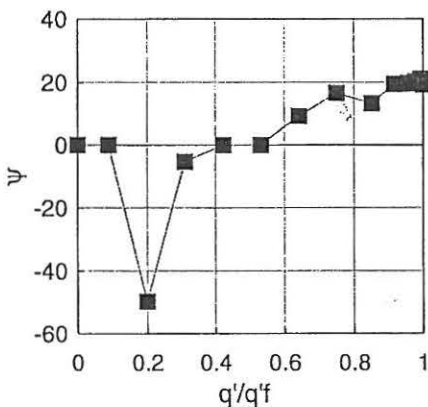
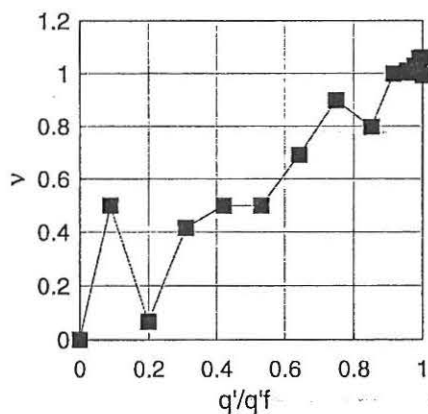


Job:	Encl. No
Blokhuis sand	6
Exc:	Check:
HPS	LBI

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	
		Saturation	0.528	0.590
Loadtransducer	09.08.77	Dimension H mm	0	
200-3		D mm	72	
			70	

TEST-PROGRAM	Drained compression.		
CD - Triaxial test. free ends	1. Isotropic compression.	σ_3	8-50 kPa
		ϵ_1	0.04 %
		ϵ_v	0.18 %
	2. Drained compression.		
Deformation rate:			8.9 % ph

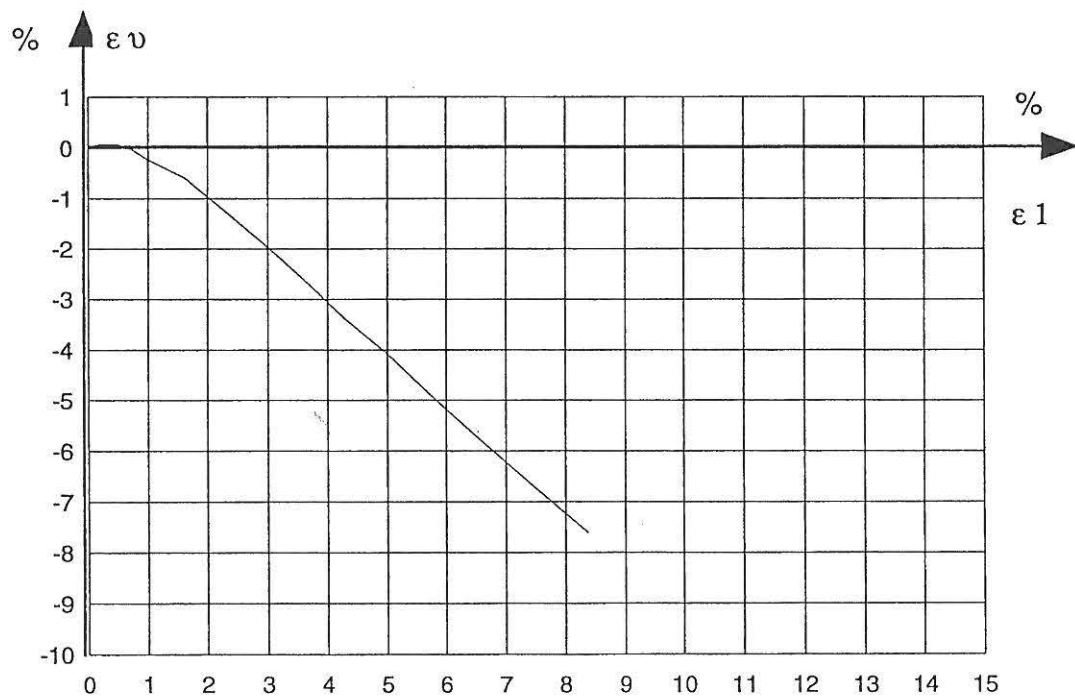
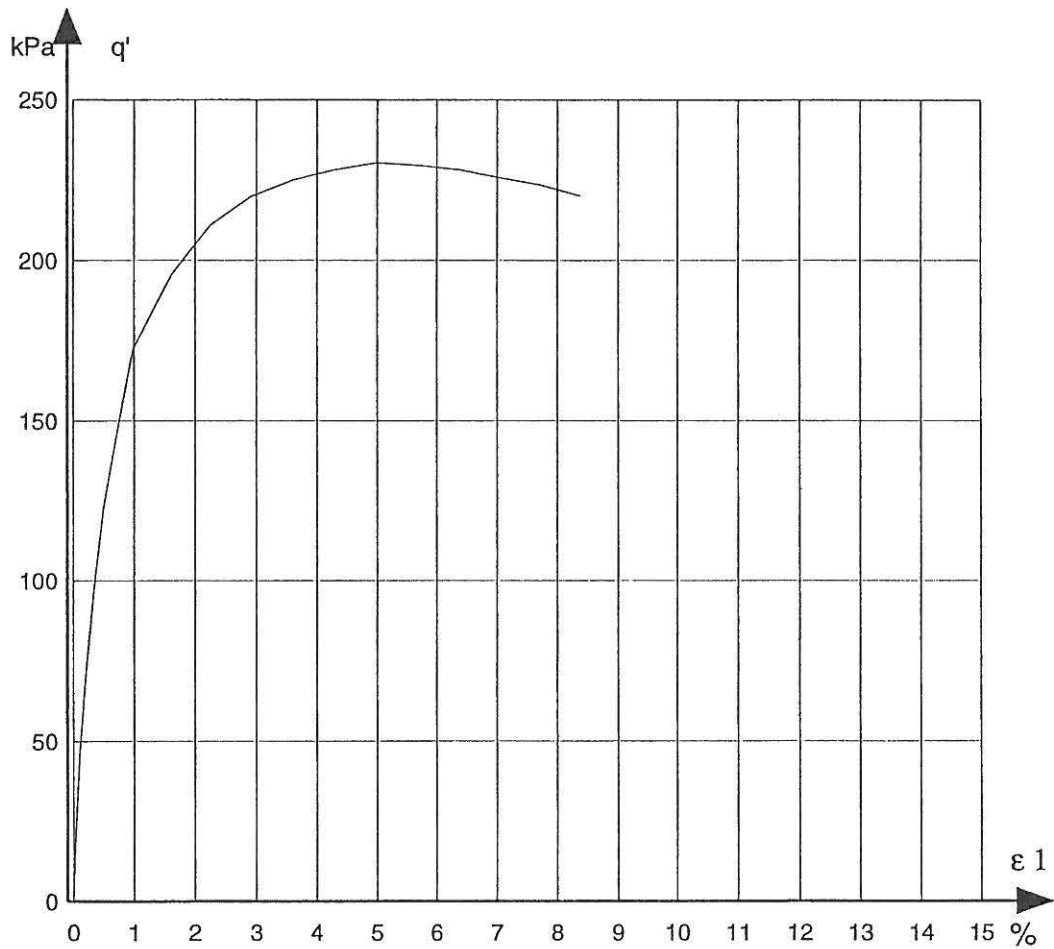
		Values at failure	Values for $\Delta \epsilon_v = 0$
Deviator stress	q'	230.5 kPa	122.6 kPa
Mean normal stress	p'	126.8 kPa	90.9 kPa
Confining pressures	σ_3	5.0 kPa	5.0 kPa
Vertical strain	ϵ_1	5.00 %	0.5 %
Volumetric strain	ϵ_v	-4.08 %	0.07 %



q'	p'	ϵ_1	ϵ_v
0.00	50.00	0.00	0.00
20.13	56.71	0.03	0.00
45.87	65.29	0.10	0.05
71.54	73.85	0.20	0.07
97.14	82.38	0.33	0.07
122.62	90.87	0.50	0.07
147.77	99.26	0.73	-0.02
172.55	107.52	0.98	-0.22
195.98	115.33	1.62	-0.60
211.05	120.35	2.25	-1.23
220.02	123.34	2.92	-1.89
225.02	125.01	3.60	-2.62
228.32	126.11	4.28	-3.37
230.49	126.83	5.00	-4.08
229.73	126.58	5.71	-4.87
228.31	126.10	6.40	-5.59
225.77	125.26	7.06	-6.28
223.56	124.52	7.73	-6.95
220.16	123.39	8.38	-7.61

Job:	Encl. No
Blokhus sand	7
Exc:	Check:
HSP	LBI

Remark:

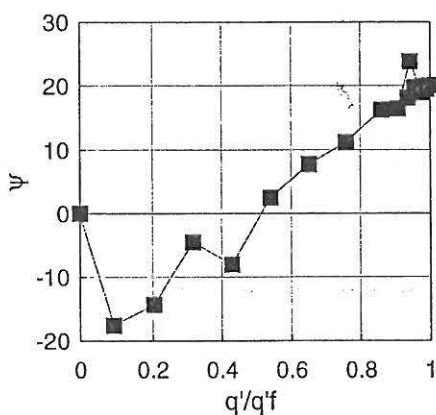
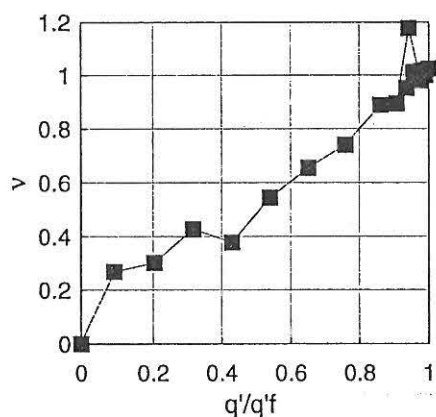


Job:	Encl. No
Blokhuss sand	8
Exc:	Check:
HPS	LBI

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	
		Saturation	0.517	0.576
Loadtransducer	10.08.77	Dimension H mm	0	
200-3		D mm	72	
			70	

TEST-PROGRAM	Drained compression.		
CD - Triaxial test. free ends	1. Isotropic compression.	σ_3	8-50 kPa
		ϵ_1	0.1 %
		ϵ_v	0.32 %
	2. Drained compression.		
	Deformation rate:		8.0 % ph

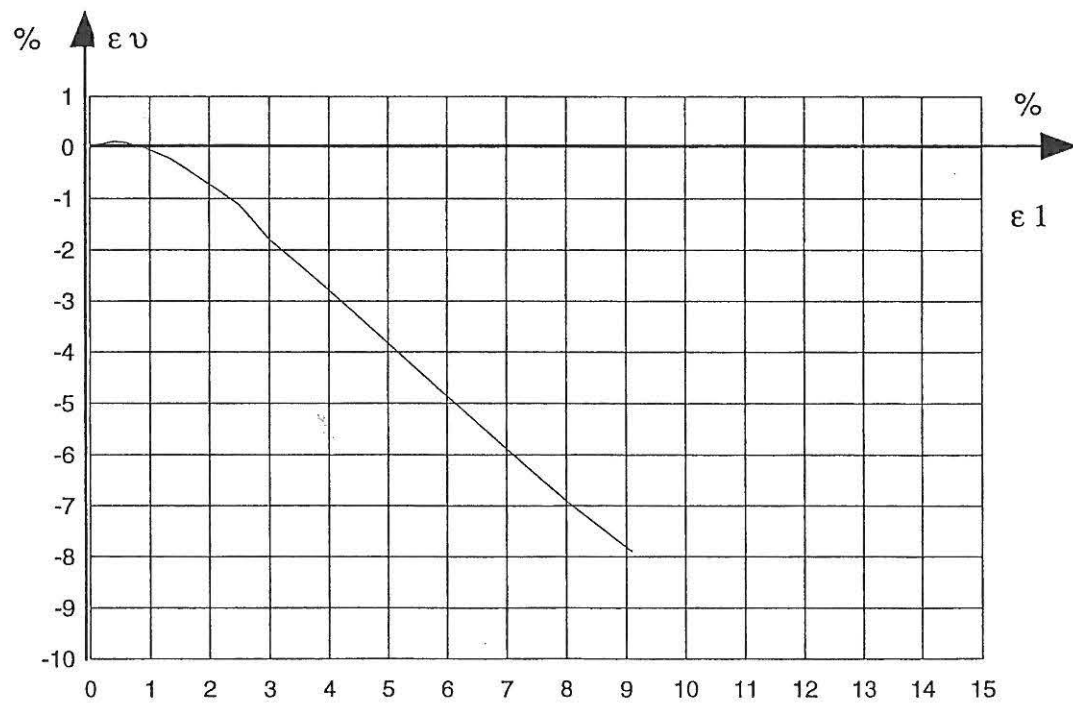
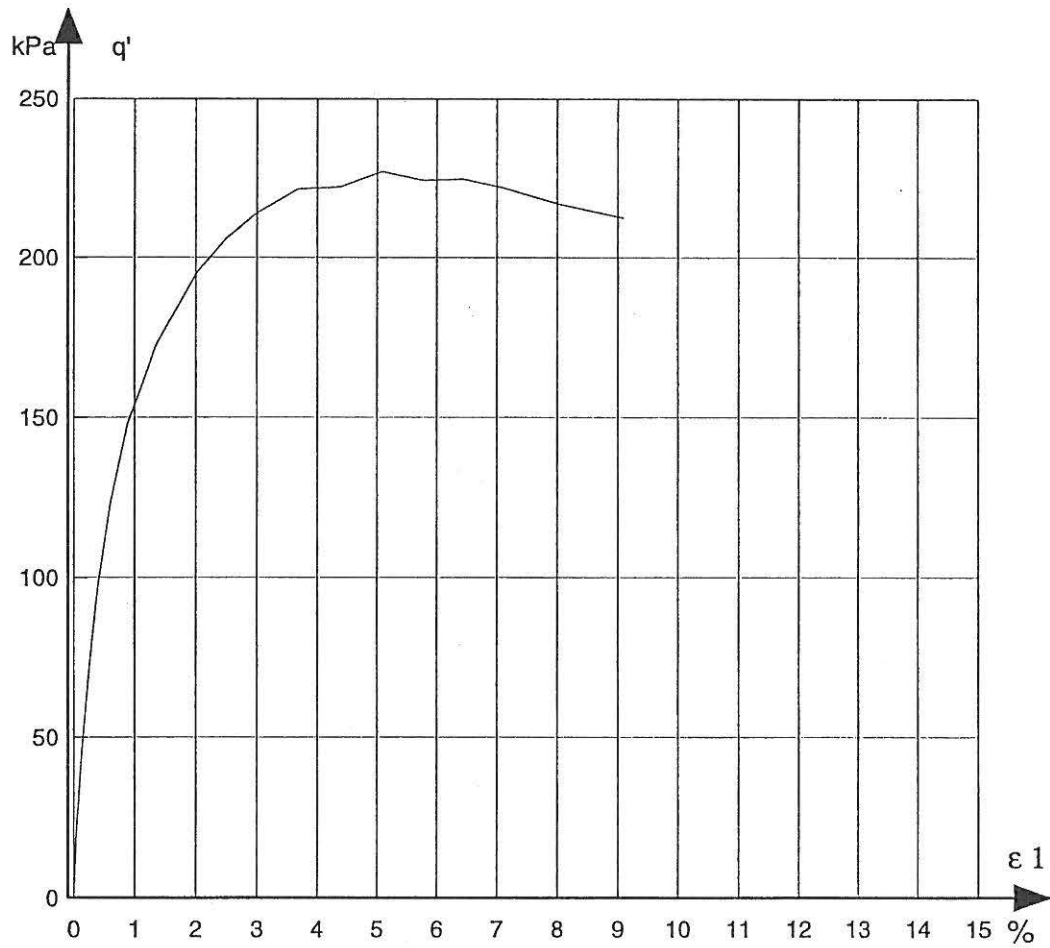
		Values at failure		Values for $\Delta\epsilon_v = 0$	
Deviator stress	q'	227.2	kPa	97.6	kPa
Mean normal stress	p'	125.7	kPa	82.5	kPa
Confining pressures	σ_3	50.0	kPa	50.0	kPa
Vertical strain	ϵ_1	5.08	%	0.4	%
Volumetric strain	ϵ_v	-3.92	%	0.11	%



q'	p'	ϵ_1	ϵ_v
0.0	50.0	0.00	0.00
20.6	56.9	0.04	0.02
46.3	65.4	0.13	0.05
72.0	74.0	0.25	0.07
97.6	82.5	0.40	0.11
123.0	91.0	0.60	0.09
148.0	99.3	0.89	0.00
172.4	107.5	1.34	-0.22
195.4	115.1	2.01	-0.74
206.0	118.7	2.49	-1.12
214.0	121.3	2.99	-1.79
221.8	123.9	3.68	-2.45
222.3	124.1	4.40	-3.19
227.2	125.7	5.08	-3.92
224.4	124.8	5.78	-4.64
224.8	124.9	6.45	-5.31
222.1	124.0	7.11	-5.99
217.1	122.4	8.03	-6.93
212.6	120.9	9.10	-7.90

Job:	Encl. No
Blokhus sand	9
Exc:	Check:
HSP	LBI

Remark:

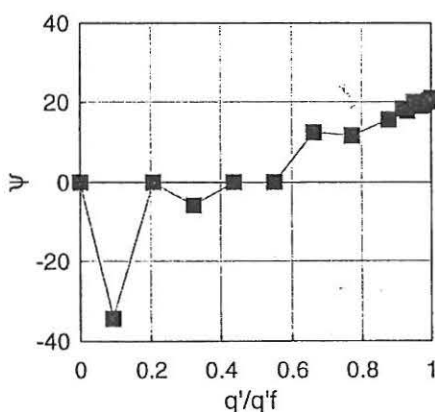
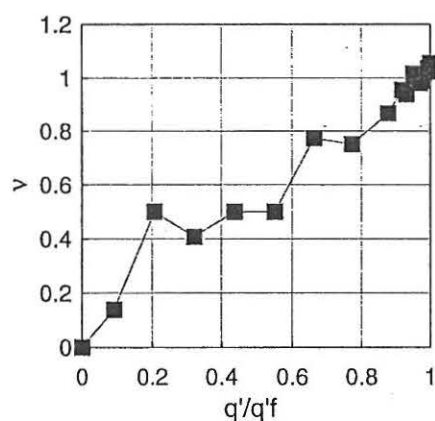


Job:	Encl. No
Blokhuis sand	10
Exc:	Check:
HPS	LBI

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	
Loadtransducer	11.08.77	Saturation	0.536	0.602
200-3		Dimension H mm	0	
		D mm	72	
			70	

TEST-PROGRAM	Drained compression.		
CD - Triaxial test. free ends	1. Isotropic compression.	σ_3	8-50 kPa
		ϵ_1	0.08 %
		ϵ_v	0.22 %
	2. Drained compression.		
	Deformation rate:		9.1 % ph

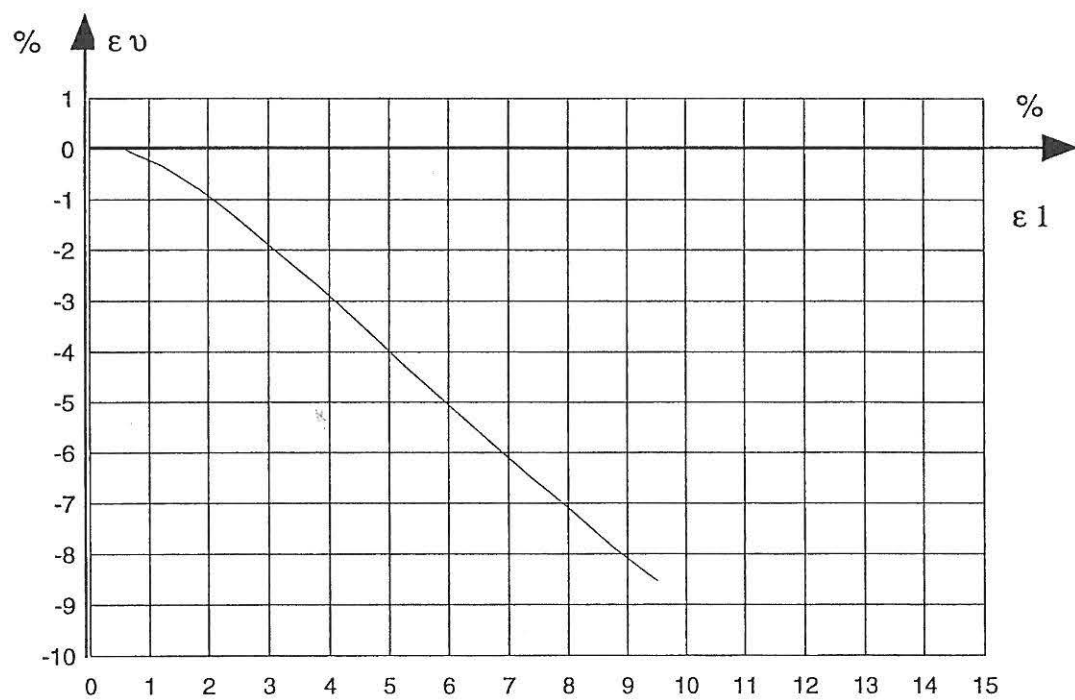
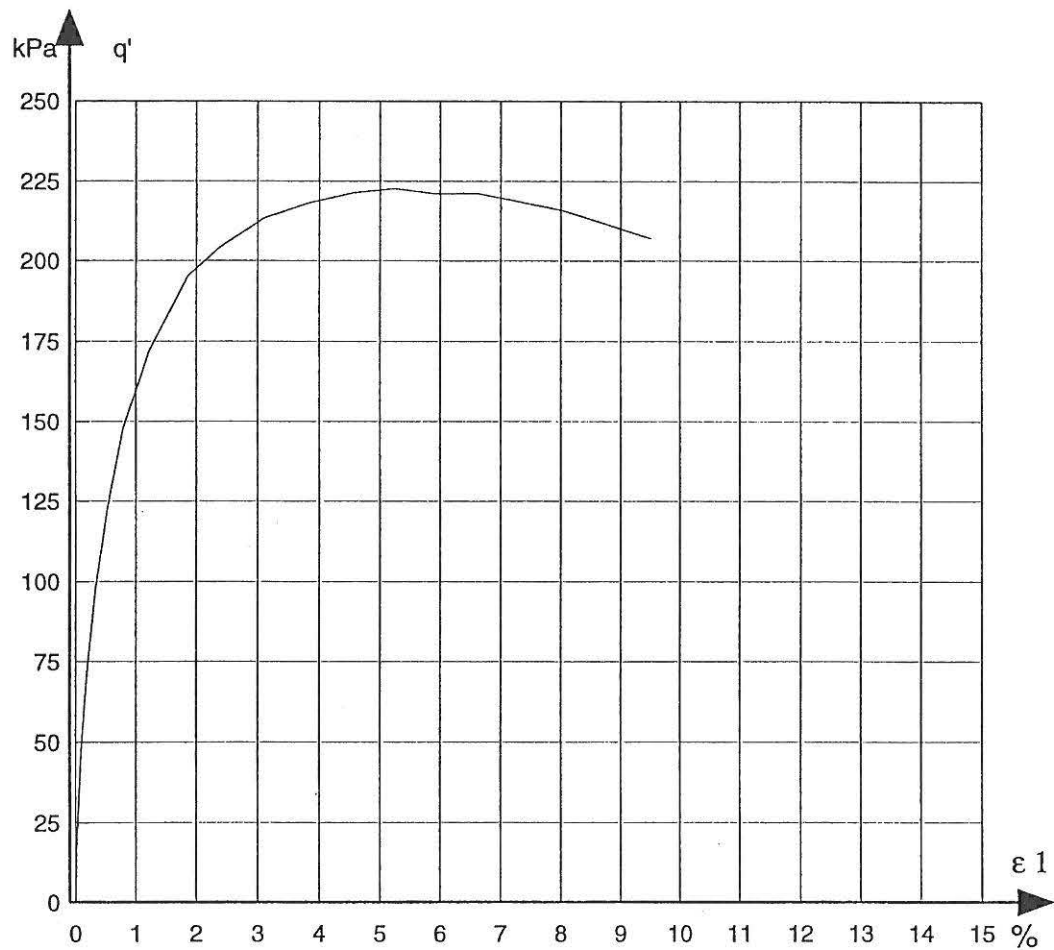
		Values at failure		Values for $\Delta\epsilon_v = 0$	
Deviator stress	q'	222.8	kPa	122.7	kPa
Mean normal stress	p'	124.3	kPa	90.0	kPa
Confining pressures	σ_3	50.0	kPa	50.0	kPa
Vertical strain	ϵ_1	5.25	%	0.52	%
Volumetric strain	ϵ_v	-4.26	%	0.04	%



q'	p'	ϵ_1	ϵ_v
0.0	50.0	0.00	0.00
20.3	56.8	0.02	0.02
46.1	65.4	0.09	0.02
71.7	73.9	0.19	0.04
97.3	82.4	0.33	0.04
122.7	90.9	0.52	0.04
147.8	99.3	0.79	-0.11
172.2	107.4	1.22	-0.32
195.3	115.1	1.86	-0.79
204.4	118.1	2.39	-1.28
213.5	121.2	3.11	-2.00
218.2	122.7	3.83	-2.71
221.5	123.8	4.56	-3.50
222.8	124.3	5.25	-4.26
221.3	123.8	5.93	-4.98
221.3	123.8	6.61	-5.70
218.7	122.9	7.31	-6.42
215.9	122.0	8.03	-7.11
211.6	120.5	8.78	-7.89
207.2	119.1	9.52	-8.54

Job:	Encl. No
Blokhus sand	11
Exc:	Check:
HSP	LBI

Remark:

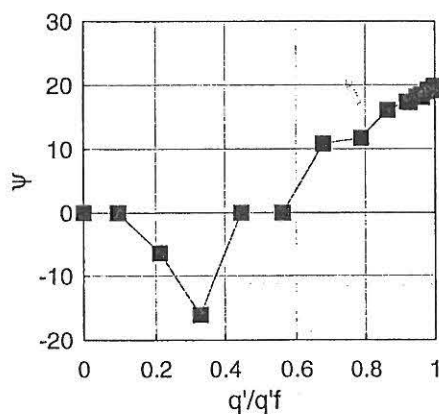
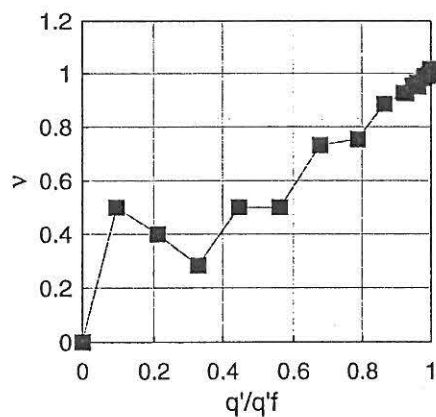


Job:	Encl. No
Blokhuis sand	12
Exc:	Check:
HPS	LBI

Description of soil Blokhus sand		Water content %	Before test 0	At failure 0.623
		Grain density	2.65	
Calibration file	Date	Void ratio	0.550	
Loadtransducer 200-3	12.08.77	Saturation	0	
		Dimension H mm	72	
		D mm	70	

TEST-PROGRAM CD - Triaxial test. free ends	Drained compression.		
	1. Isotropic compression.	σ_3	8-50 kPa
		ϵ_1	0.08 %
		ϵ_v	0.2 %
	2. Drained compression.		
Deformation rate:			9.1 % ph

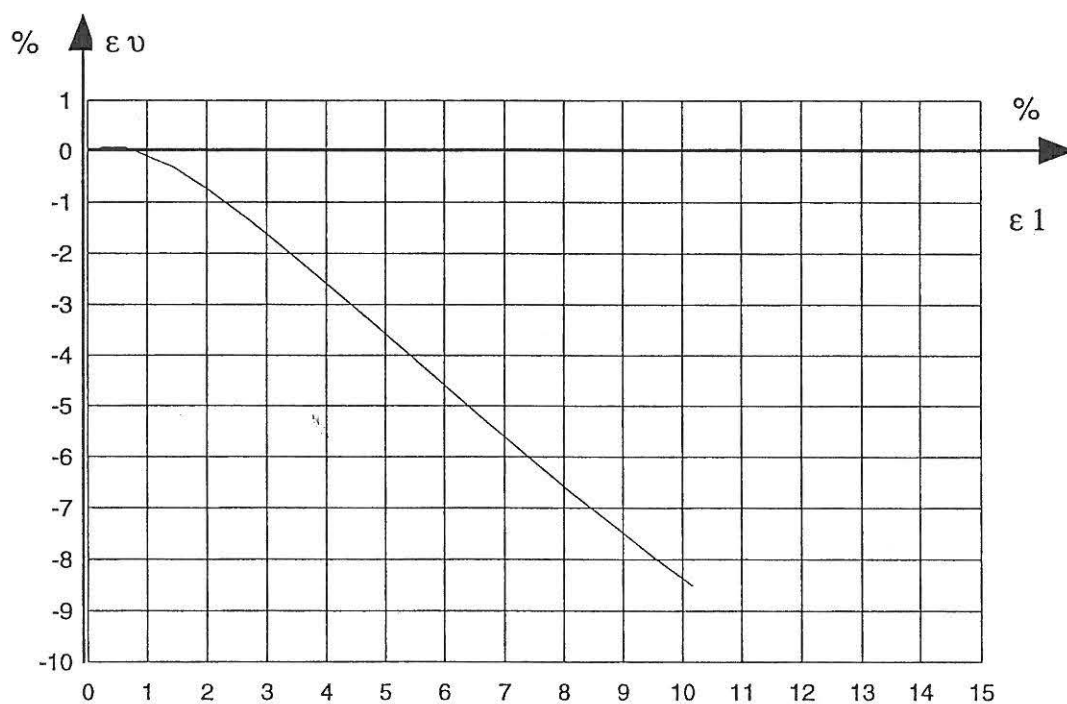
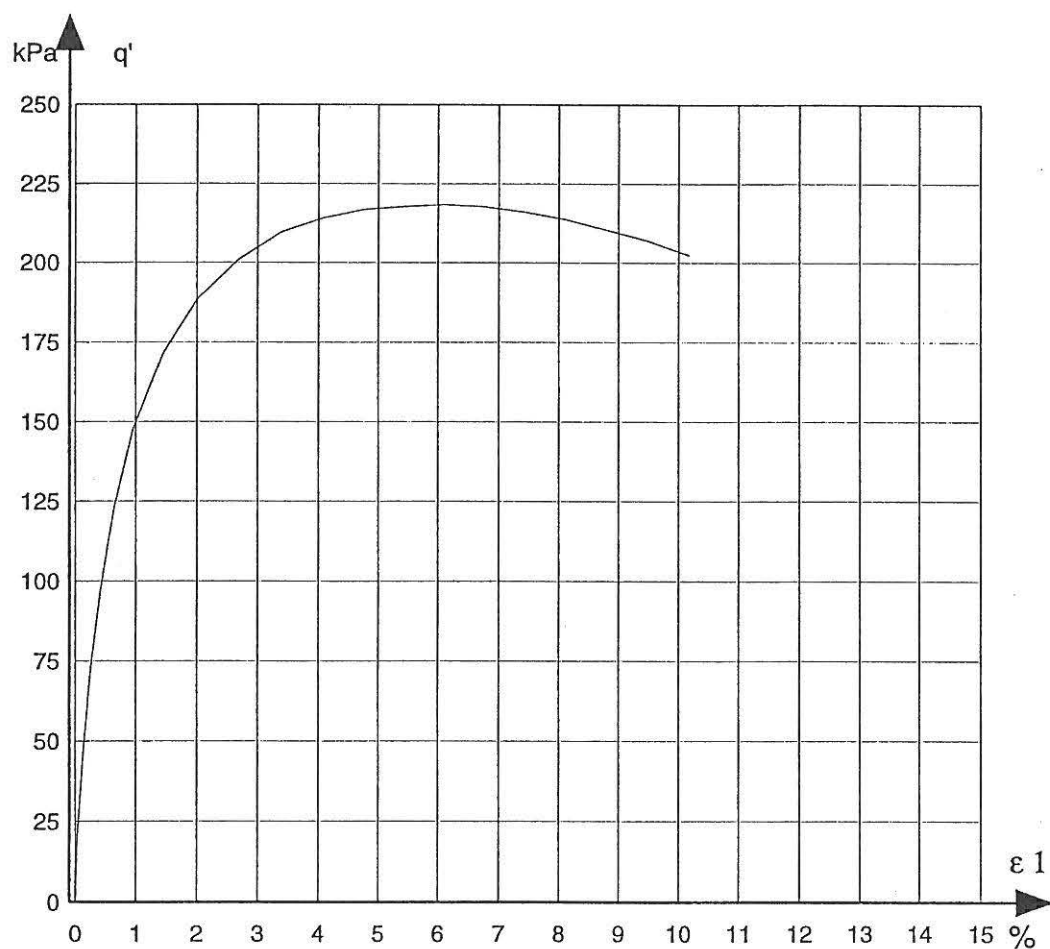
		Values at failure		Values for $\Delta\epsilon_v = 0$	
Deviator stress	q'	218.5	kPa	122.9	kPa
Mean normal stress	p'	122.8	kPa	91.0	kPa
Confining pressures	σ_3	50.0	kPa	50.0	kPa
Vertical strain	ϵ_1	6.10	%	0.64	%
Volumetric strain	ϵ_v	-4.69	%	0.07	%



q'	p'	ϵ_1	ϵ_v
0.0	50.0	0.00	0.00
20.6	56.9	0.03	0.00
46.3	65.4	0.13	0.02
72.0	74.0	0.25	0.07
97.5	82.5	0.42	0.07
122.9	91.0	0.64	0.07
147.8	99.3	0.95	-0.07
172.0	107.3	1.45	-0.32
188.8	112.9	2.01	-0.76
201.0	117.0	2.69	-1.34
209.8	119.9	3.39	-1.98
214.2	121.4	4.09	-2.67
217.0	122.3	4.78	-3.36
217.8	122.6	5.44	-4.02
218.5	122.8	6.10	-4.69
217.9	122.6	6.75	-5.36
216.2	122.1	7.43	-6.03
213.8	121.3	8.10	-6.68
210.5	120.2	8.81	-7.31
207.0	119.0	9.50	-7.94
202.5	117.5	10.18	-8.52

Job:	Encl. No
Blokhus sand	13
Exc:	Check:
HSP	LBI

Remark:

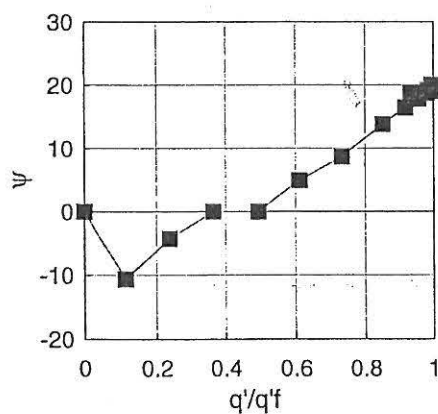
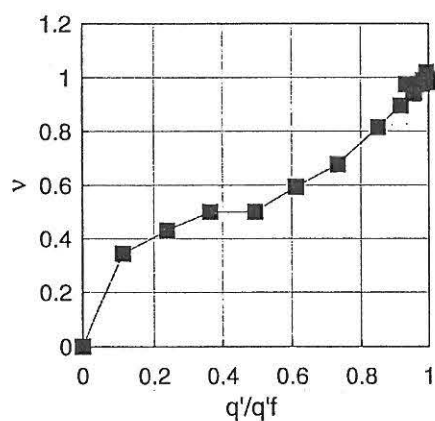


Job:	Encl. No
Blokhuis sand	14
Exc:	Check:
HPS	LBI

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	
		Saturation	0.547	0.618
Loadtransducer	15.08.77	Dimension H mm	0	
200-3		D mm	72	
			70	

TEST-PROGRAM	Drained compression.		
CD - Triaxial test. free ends	1. Isotropic compression.	σ_3	8-100 kPa
		ϵ_1	0.12 %
		ϵ_v	0.23 %
	2. Drained compression.		
	Deformation rate:		8.6 % ph

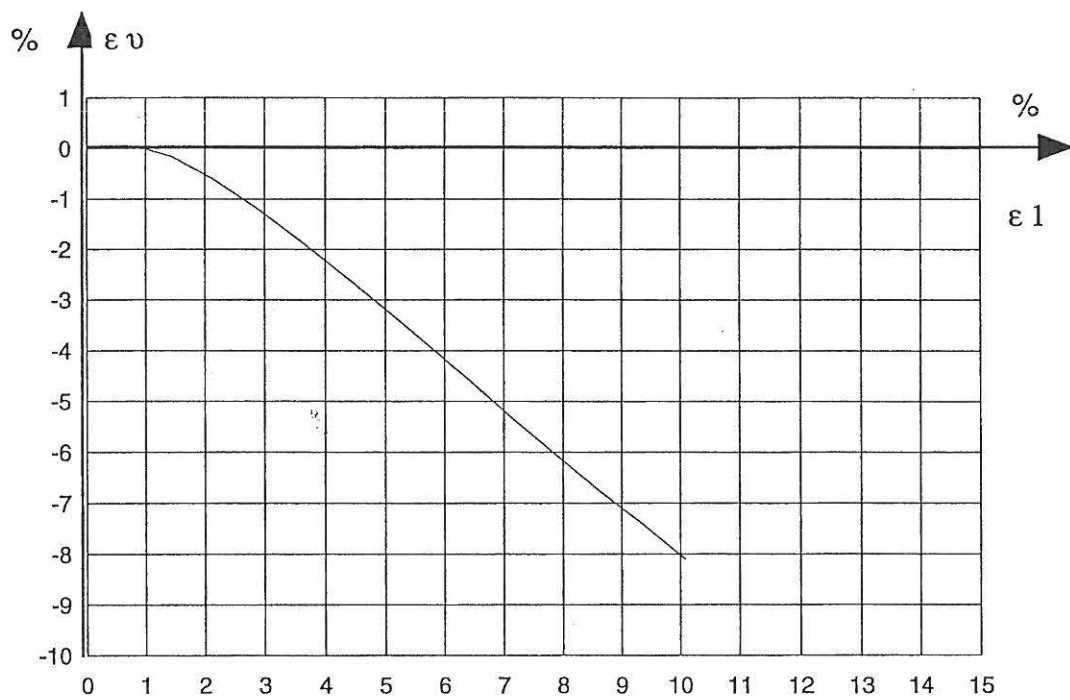
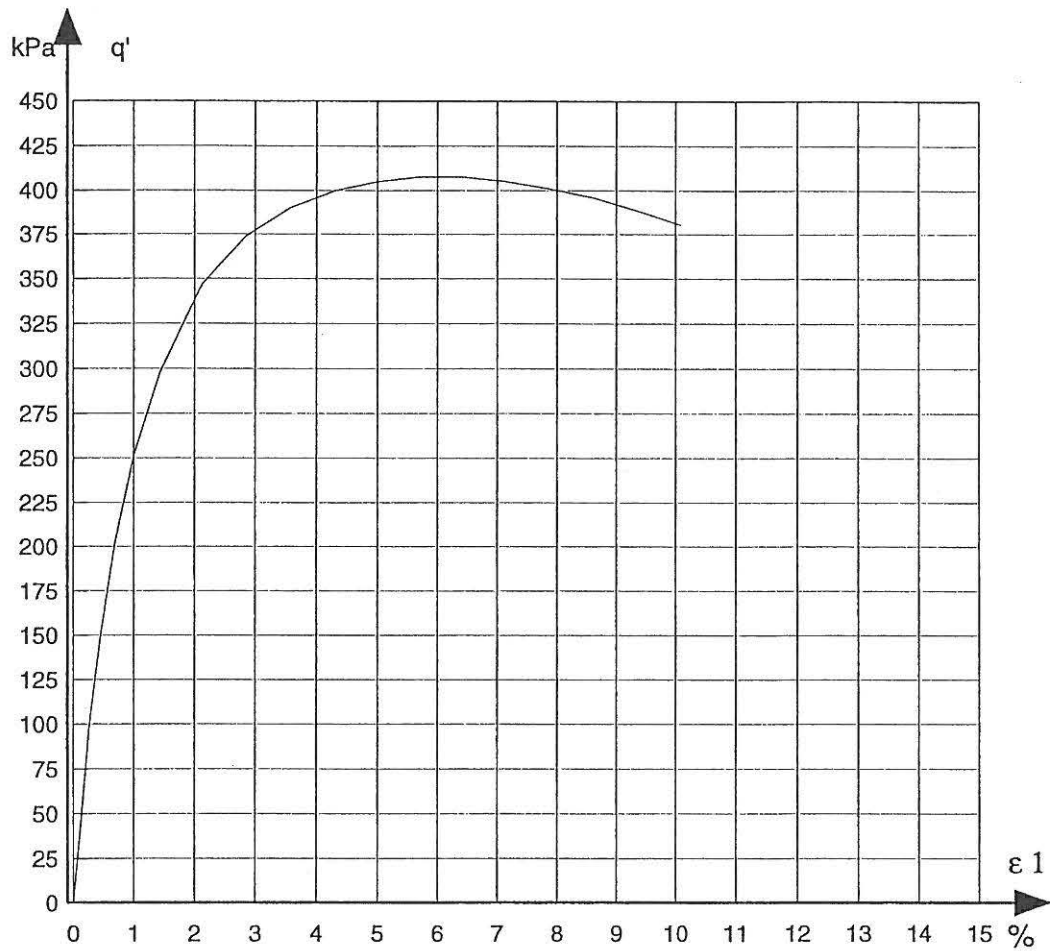
		Values at failure		Values for $\Delta \epsilon_v = 0$	
Deviator stress	q'	407.7	kPa	201.6	kPa
Mean normal stress	p'	235.9	kPa	167.2	kPa
Confining pressures	σ_3	100.0	kPa	100.0	kPa
Vertical strain	ϵ_1	6.41	%	0.69	%
Volumetric strain	ϵ_v	-4.57	%	0.05	%



q'	p'	ϵ_1	ϵ_v
0.0	100.0	0.00	0.00
45.8	115.3	0.12	0.04
97.1	132.4	0.25	0.05
148.3	149.4	0.45	0.05
201.6	167.2	0.69	0.05
249.4	183.1	0.98	0.00
298.5	199.5	1.44	-0.16
346.8	215.6	2.12	-0.60
373.9	224.6	2.85	-1.17
390.1	230.0	3.58	-1.82
399.8	233.3	4.30	-2.51
404.9	235.0	5.00	-3.19
407.7	235.9	5.70	-3.88
407.7	235.9	6.41	-4.57
405.0	235.0	7.14	-5.32
400.9	233.6	7.87	-6.05
395.8	231.9	8.63	-6.77
388.5	229.5	9.37	-7.42
380.4	226.8	10.09	-8.10

Job:	Encl. No
Blokhus sand	15
Exc:	Check:
HSP	LBI

Remark:

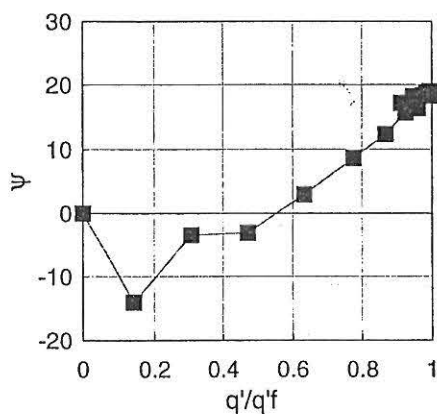
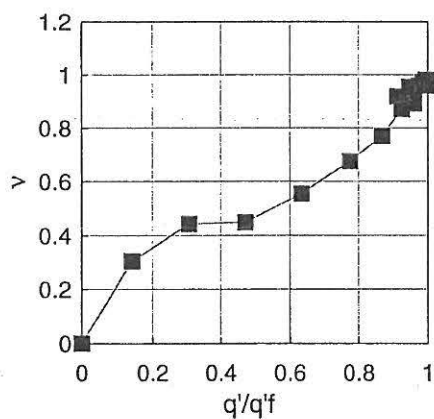


Job:	Encl. No
Blokhuss sand	16
Exc:	Check:
HPS	LBI

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	
Loadtransducer	16.08.77	Saturation	0.547	0.601
500-1		Dimension H mm	0	
		D mm	72	
			70	

TEST-PROGRAM	Drained compression.		
CD - Triaxial test. free ends	1. Isotropic compression.	σ_3	8-200 kPa
		ϵ_1	0.21 %
		ϵ_v	0.36 %
	2. Drained compression.		
	Deformation rate:		9.2 % ph

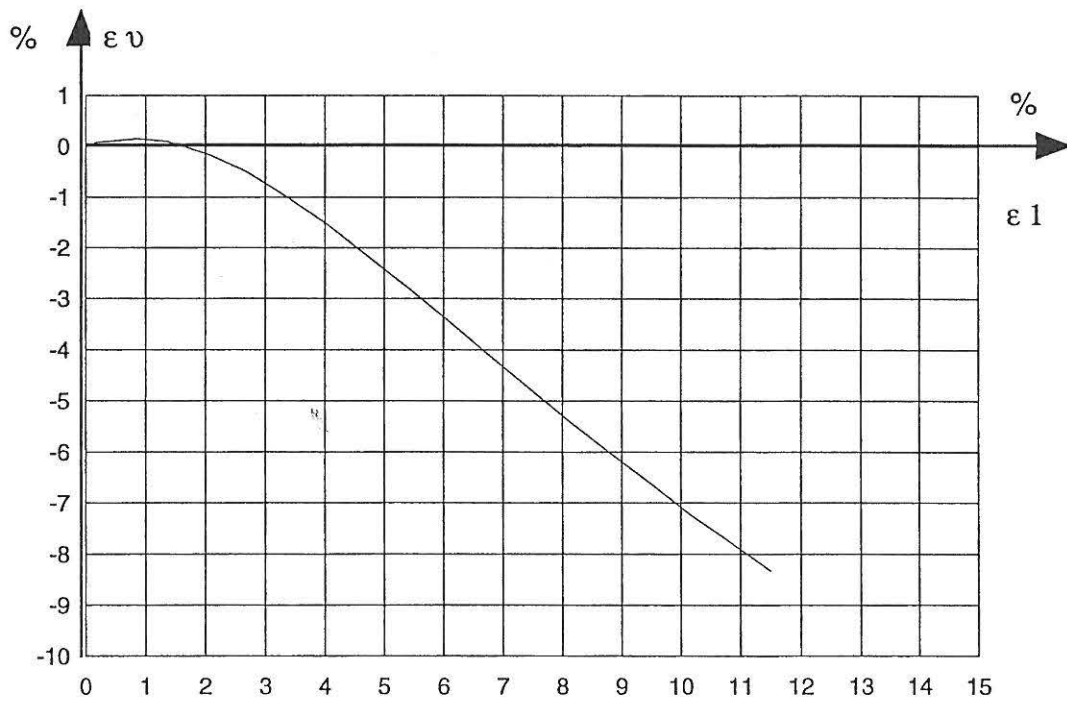
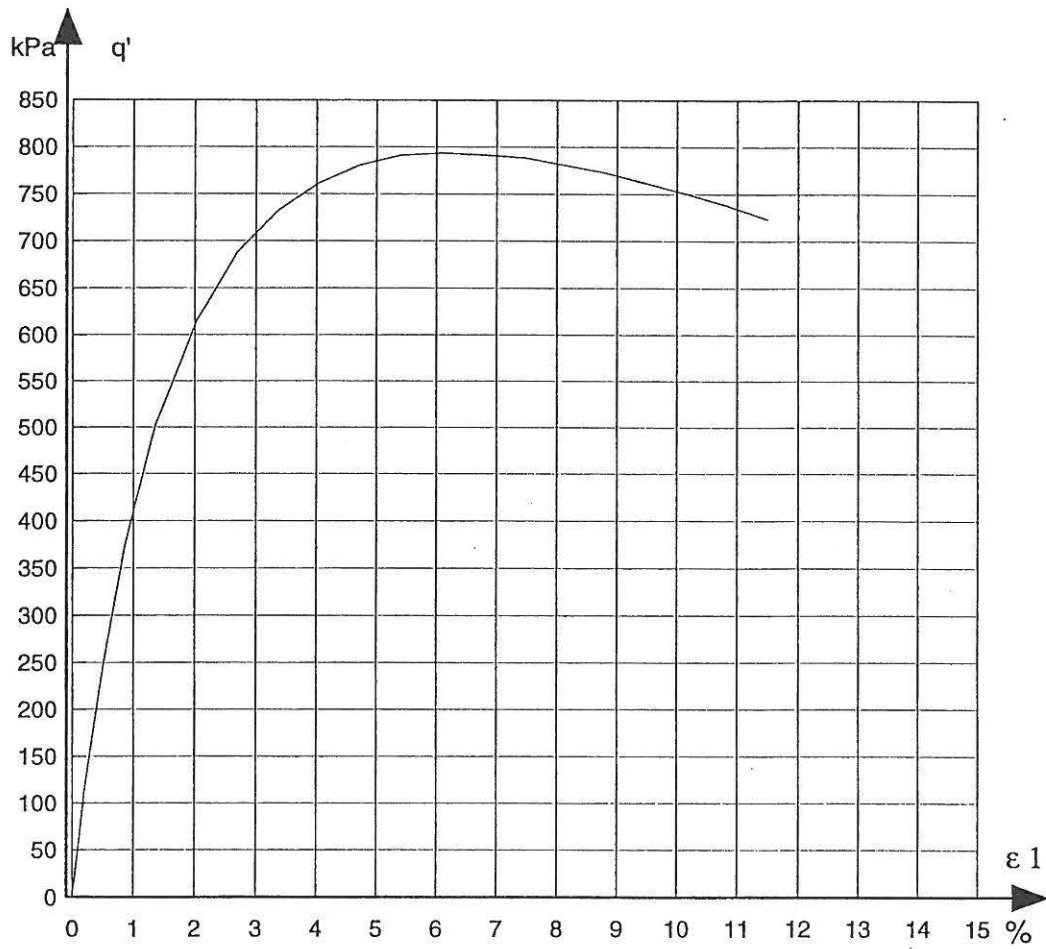
		Values at failure		Values for $\Delta\epsilon_v = 0$	
Deviator stress	q'	793.9	kPa	374.7	kPa
Mean normal stress	p'	464.6	kPa	324.9	kPa
Confining pressures	σ_3	200.0	kPa	200.0	kPa
Vertical strain	ϵ_1	6.11	%	0.86	%
Volumetric strain	ϵ_v	-3.46	%	0.14	%



q'	p'	ϵ_1	ϵ_v
0.0	200.0	0.00	0.00
112.6	237.5	0.19	0.07
244.1	281.4	0.50	0.11
374.7	324.9	0.86	0.14
503.2	367.7	1.36	0.09
615.1	405.0	2.03	-0.14
688.2	429.4	2.69	-0.51
733.1	444.4	3.37	-1.01
761.8	453.9	4.04	-1.53
780.7	460.2	4.72	-2.17
791.6	463.9	5.41	-2.80
793.9	464.6	6.11	-3.46
791.9	464.0	6.80	-4.13
788.9	463.0	7.48	-4.78
780.8	460.3	8.14	-5.41
772.9	457.6	8.81	-6.03
762.0	454.0	9.48	-6.60
750.9	450.3	10.15	-7.22
738.3	446.1	10.82	-7.76
723.3	441.1	11.50	-8.34

Job:	Encl. No
Blokhus sand	17
Exc:	Check:
HSP	LBI

Remark:

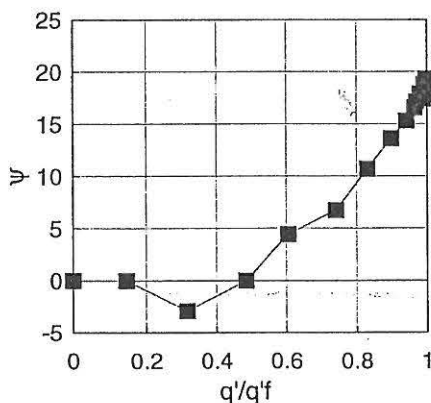
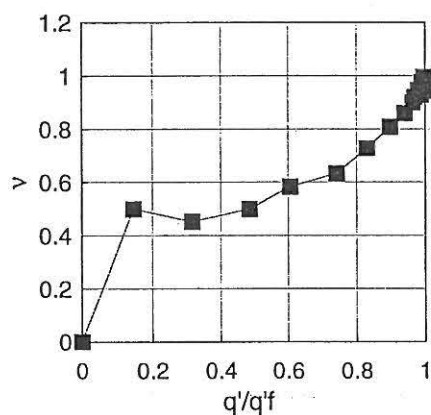


Job:	Encl. No
Blokhuis sand	18
Exc:	Check:
HPS	LBI

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	
Loadtransducer	15.08.77	Saturation	0.546	0.603
500-1		Dimension H mm	0	
		D mm	72	
			70	

TEST-PROGRAM	Drained compression.		
CD - Triaxial test. free ends	1. Isotropic compression.	σ_3	8-200 kPa
		ϵ_1	0.16 %
		ϵ_v	0.43 %
	2. Drained compression.		
	Deformation rate:		8.6 % ph

		Values at failure	Values for $\Delta \epsilon_v = 0$
Deviator stress	q'	770.3 kPa	373.4 kPa
Mean normal stress	p'	456.8 kPa	324.5 kPa
Confining pressures	σ_3	200.0 kPa	200.0 kPa
Vertical strain	ϵ_1	6.71 %	1.02 %
Volumetric strain	ϵ_v	-3.68 %	0.04 %

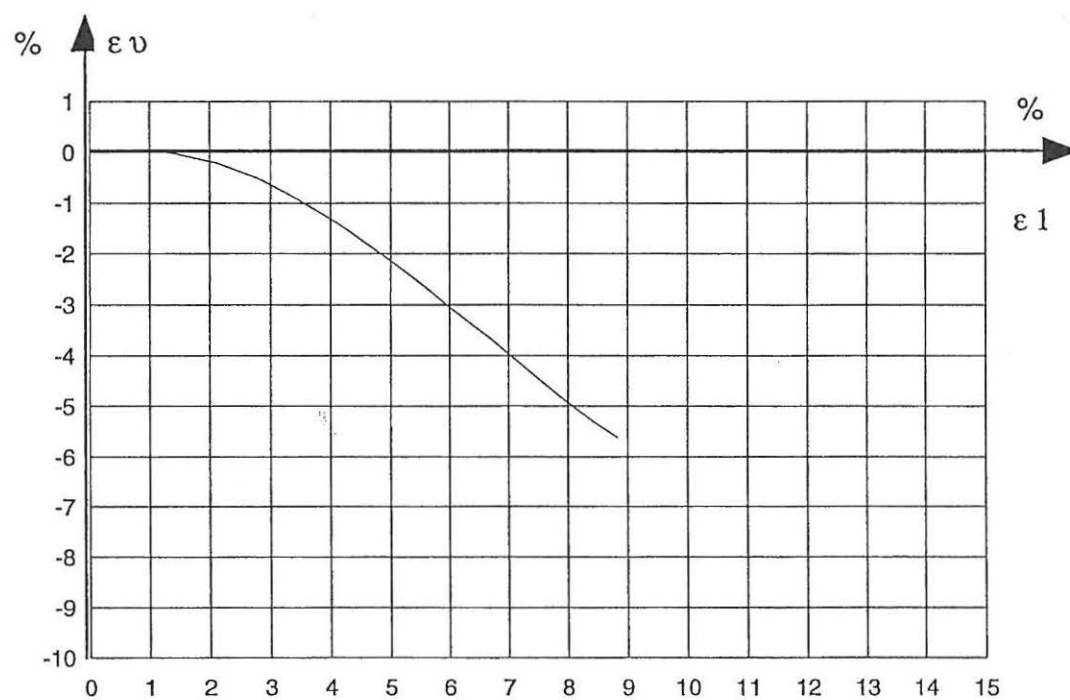
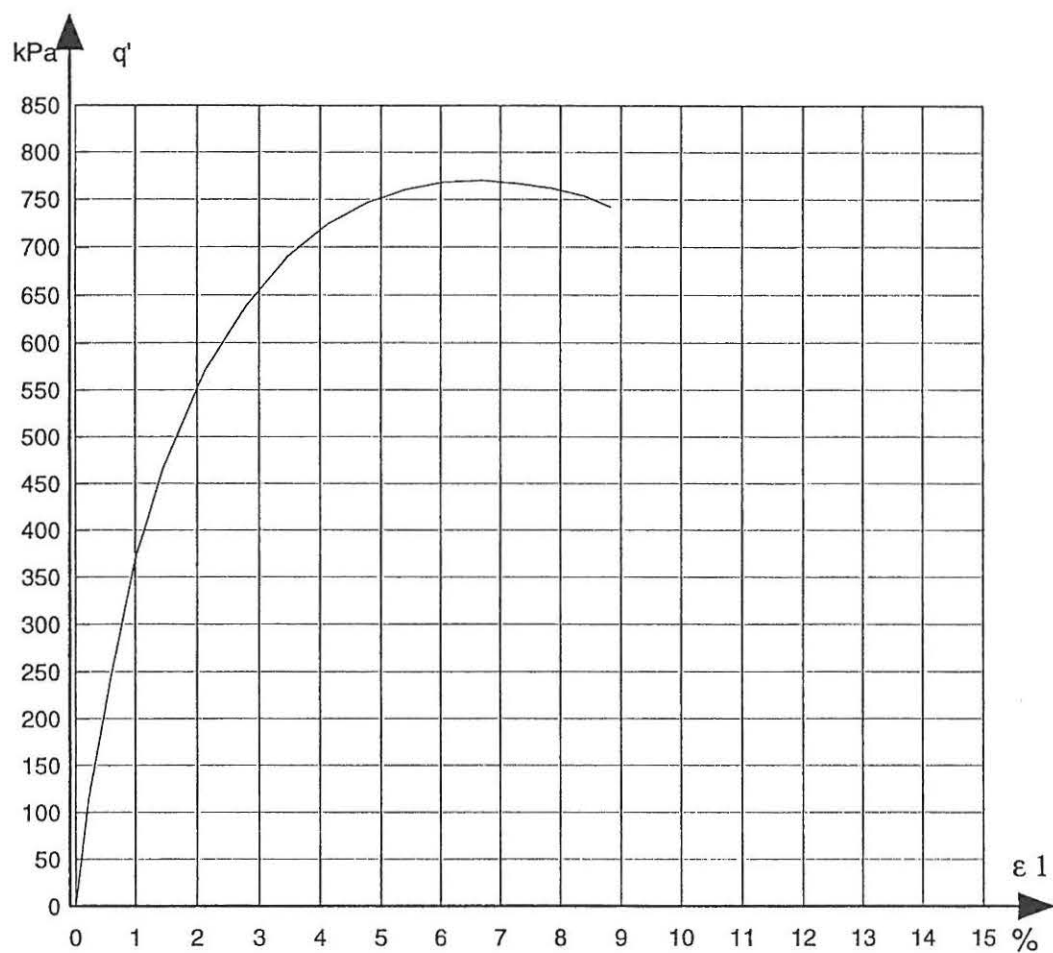


q'	p'	ϵ_1	ϵ_v
0.0	200.0	0.00	0.00
112.2	237.4	0.21	0.00
243.4	281.1	0.59	0.04
373.4	324.5	1.02	0.04
466.7	355.6	1.45	-0.04
571.1	390.4	2.13	-0.22
639.7	413.2	2.80	-0.52
690.8	430.3	3.48	-0.94
724.3	441.4	4.13	-1.41
746.5	448.8	4.77	-1.95
760.8	453.6	5.41	-2.49
768.5	456.2	6.06	-3.10
770.3	456.8	6.71	-3.68
767.1	455.7	7.30	-4.26
761.9	454.0	7.86	-4.80
754.2	451.4	8.39	-5.27
742.2	447.4	8.84	-5.63

Job:	Encl. No
Blokhus sand	19
Exc:	Check:
HSP	LBI

Remark:

The specimen slipped out after failure.

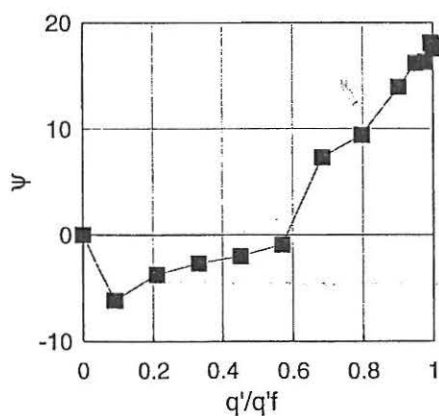
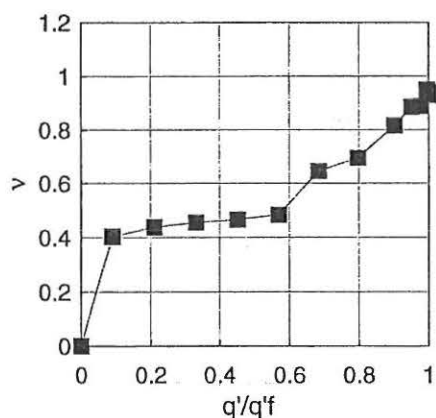


Job:	Encl. No
Blokhuss sand	20
Exc:	Check:
HPS	LBI

Description of soil Blokhus sand		Water content %	Before test 0	At failure 0.602
		Grain density	2.65	
Calibration file	Date	Void ratio	0.545	
Loadtransducer 1500-1	26.08.77	Saturation	0	
		Dimension H mm	72	
		D mm	70	

TEST-PROGRAM CD - Triaxial test. free ends	Drained compression.		
	1. Isotropic compression.	σ_3	8-400 kPa
		ϵ_1	0.25 %
		ϵ_v	0.61 %
	2. Drained compression.		
		Deformation rate:	9.0 % ph

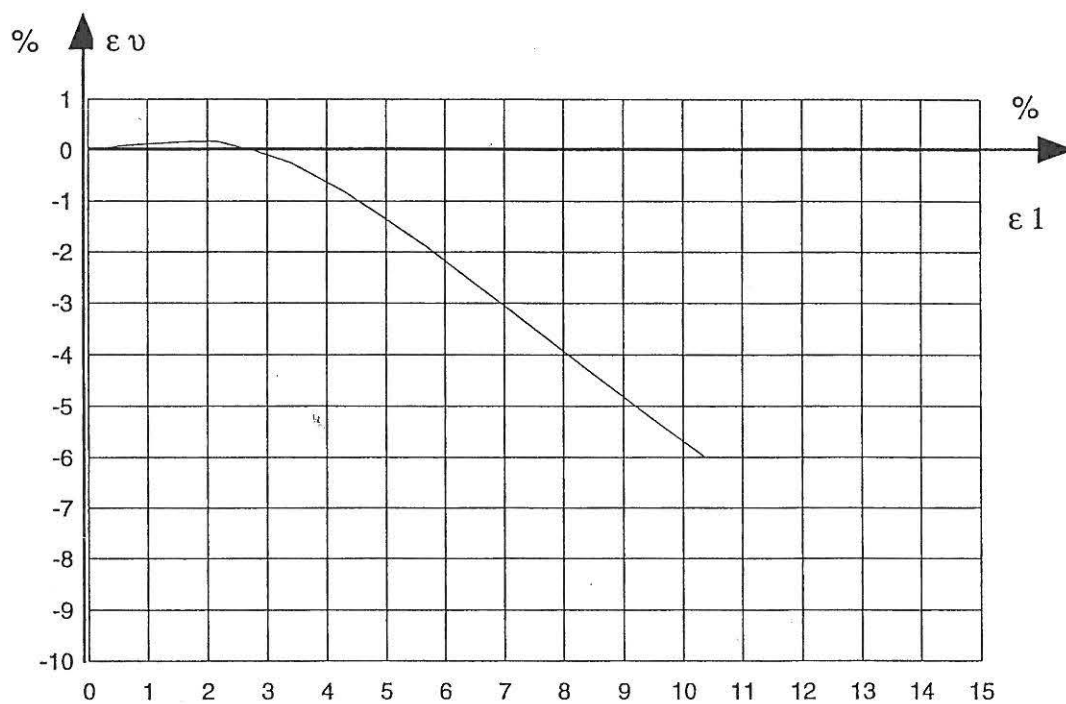
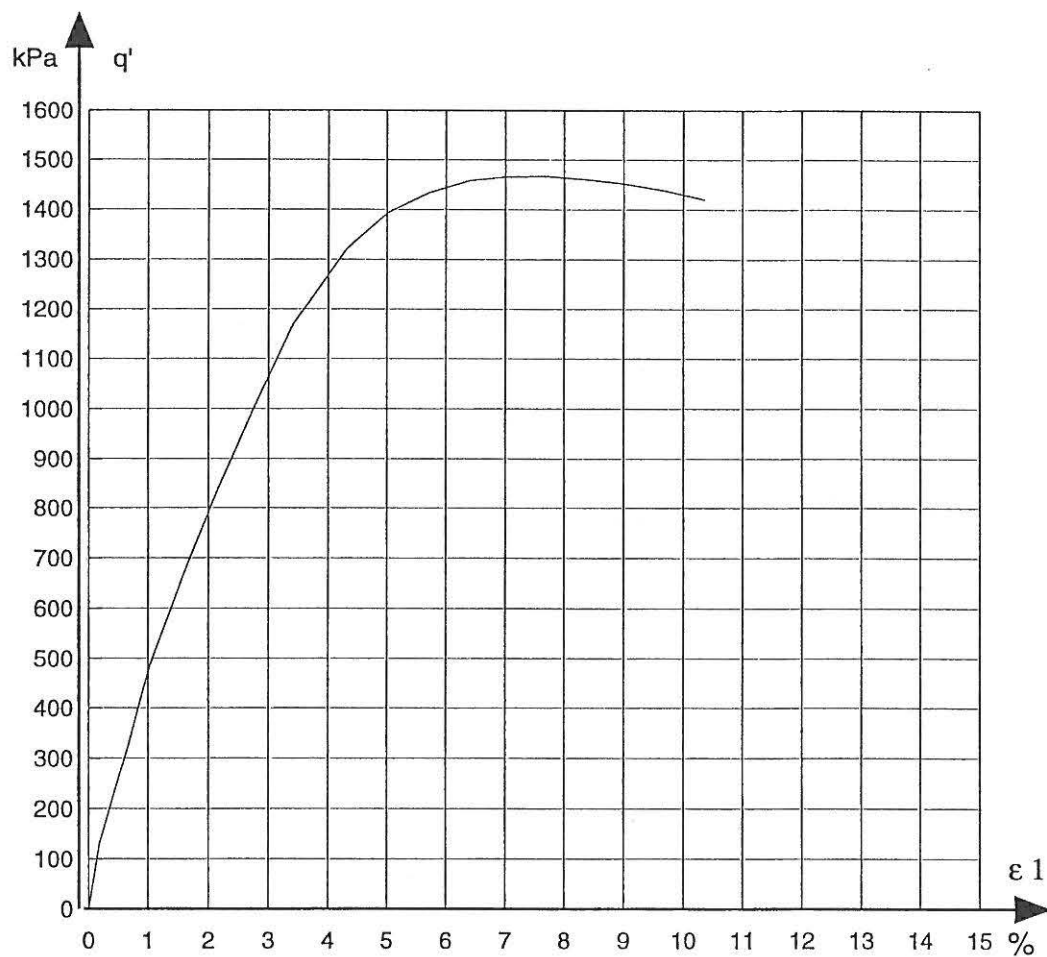
		Values at failure		Values for $\Delta\epsilon_v = 0$	
Deviator stress	q'	1,466.5	kPa	835.6	kPa
Mean normal stress	p'	888.8	kPa	678.5	kPa
Confining pressures	σ_3	400.0	kPa	400.0	kPa
Vertical strain	ϵ_1	7.72	%	2.14	%
Volumetric strain	ϵ_v	-3.68	%	0.18	%



q'	p'	ϵ_1	ϵ_v
0.0	400.0	0.00	0.00
129.8	443.3	0.19	0.04
308.9	503.0	0.63	0.09
486.8	562.3	1.03	0.13
662.3	620.8	1.57	0.16
835.6	678.5	2.14	0.18
1004.5	734.8	2.76	0.00
1169.3	789.8	3.41	-0.25
1321.6	840.5	4.32	-0.83
1393.6	864.5	5.02	-1.37
1433.5	877.8	5.71	-1.91
1457.5	885.8	6.39	-2.53
1466.0	888.7	7.06	-3.10
1466.5	888.8	7.72	-3.68
1460.3	886.8	8.37	-4.26
1451.2	883.7	9.03	-4.84
1438.3	879.4	9.69	-5.41
1419.7	873.2	10.37	-5.99

Job: Blokhus sand	Encl. No 21
Exc: HSP	Check: LBI

Remark:

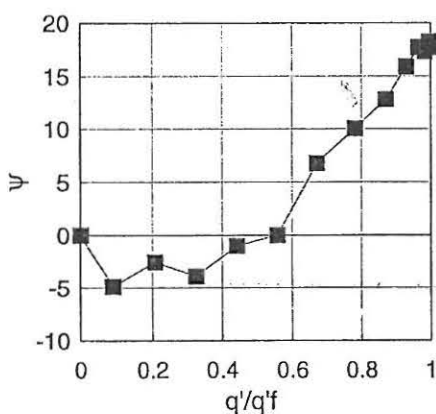
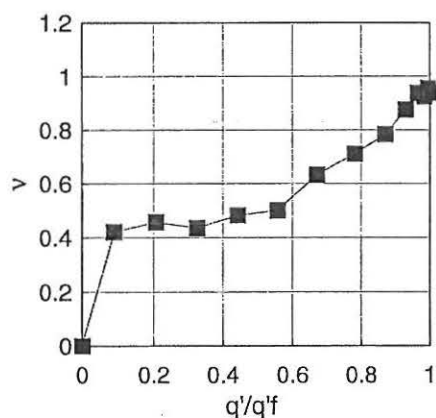


Job:	Encl. No
Blokhus sand	22
Exc:	Check:
HPS	LBI

Description of soil Blokhus sand		Water content %	Before test 0	At failure 0.602
		Grain density	2.65	
Calibration file	Date	Void ratio	0.539	
Loadtransducer 1500-1	30.08.77	Saturation	0	
		Dimension H mm	72	
		D mm	70	

TEST-PROGRAM CD - Triaxial test. free ends	Drained compression.		
	1. Isotropic compression.	σ_3	8-400 kPa
		ϵ_1	0.28 %
		ϵ_v	0.63 %
	2. Drained compression.	Deformation rate: 9.0 % ph	

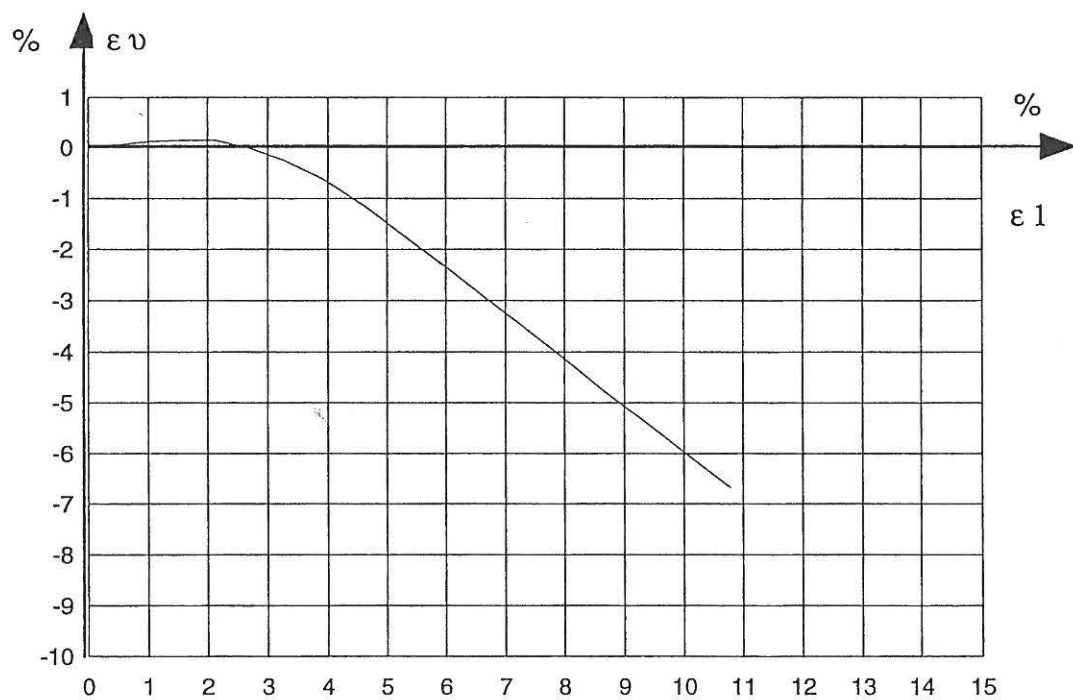
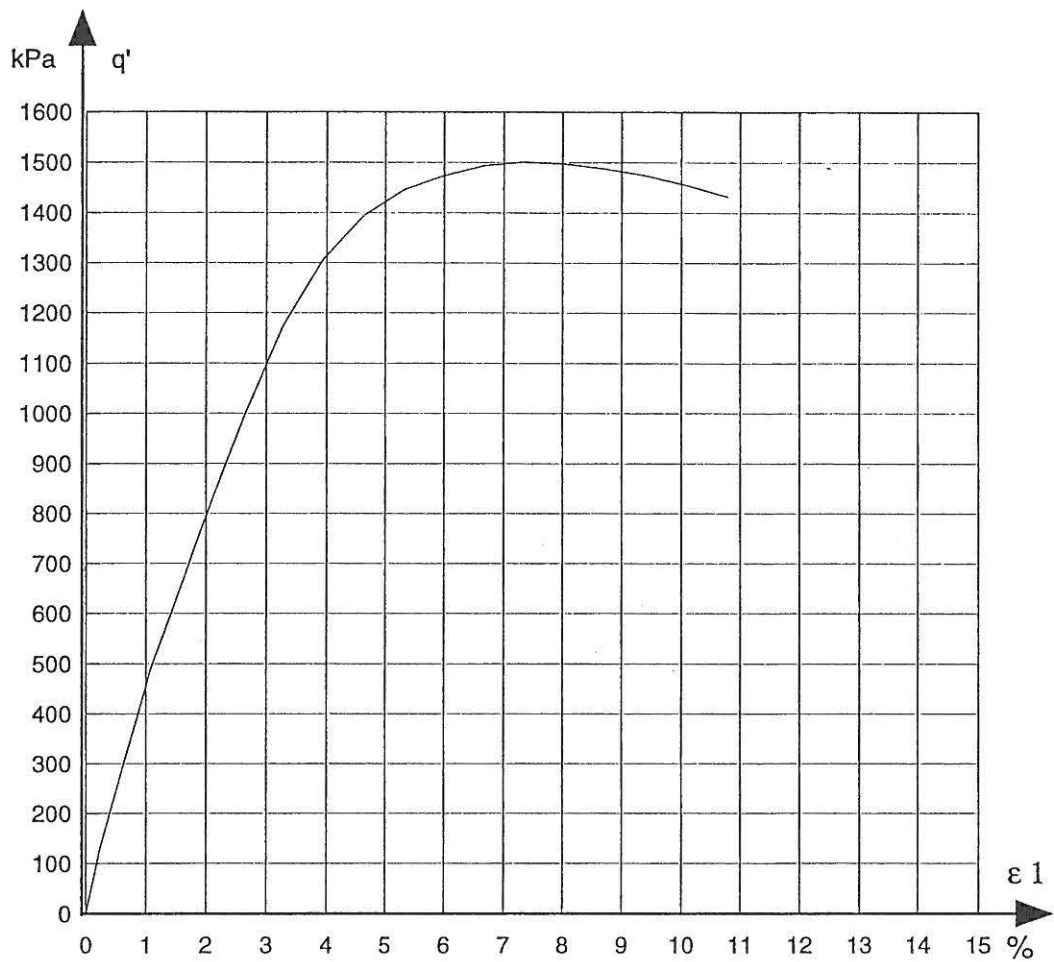
		Values at failure		Values for $\Delta\epsilon_v = 0$	
Deviator stress	q'	1,500.8	kPa	837.2	kPa
Mean normal stress	p'	900.3	kPa	679.1	kPa
Confining pressures	σ_3	400.0	kPa	400.0	kPa
Vertical strain	ϵ_1	7.34	%	2.14	%
Volumetric strain	ϵ_v	-3.54	%	0.14	%



q'	p'	ϵ_1	ϵ_v
0.0	400.0	0.00	0.00
131.6	443.9	0.23	0.04
310.6	503.5	0.65	0.07
488.3	562.8	1.08	0.13
663.8	621.3	1.61	0.14
837.2	679.1	2.13	0.14
1007.2	735.7	2.67	0.00
1172.7	790.9	3.27	-0.25
1305.4	835.1	3.93	-0.63
1394.5	864.8	4.63	-1.15
1446.5	882.2	5.33	-1.77
1474.4	891.5	6.01	-2.35
1493.8	897.9	6.68	-2.96
1500.8	900.3	7.34	-3.54
1497.7	899.2	8.02	-4.15
1487.8	895.9	8.70	-4.80
1474.5	891.5	9.40	-5.41
1455.1	885.0	10.10	-6.06
1432.6	877.5	10.79	-6.68

Job: Blokhus sand	Encl. No 23
Exc: HSP	Check: LBI

Remark:

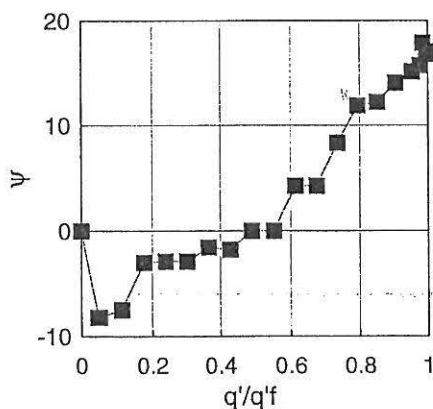
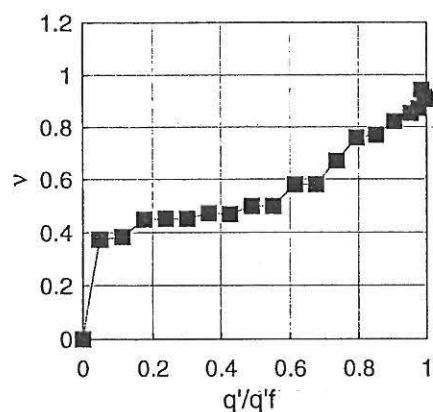


Job:	Encl. No
Blokhus sand	24
Exc:	Check:
HPS	LBI

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	
		Saturation	0.551	0.598
Loadtransducer	31.08.77	Dimension H mm	0	
1500-1		D mm	72	
			70	

TEST-PROGRAM	Drained compression.		
CD - Triaxial test. free ends	1. Isotropic compression.	σ_3	8-800 kPa
		ϵ_1	0.29 %
		ϵ_v	0.85 %
	2. Drained compression.		
	Deformation rate:		8.4 % ph

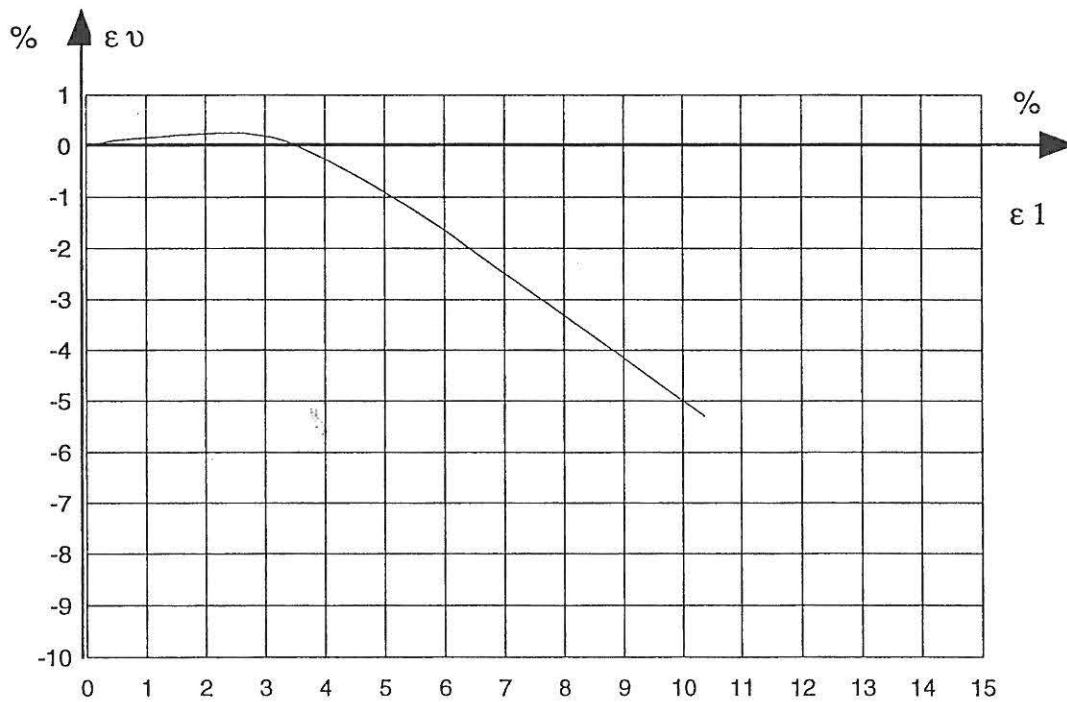
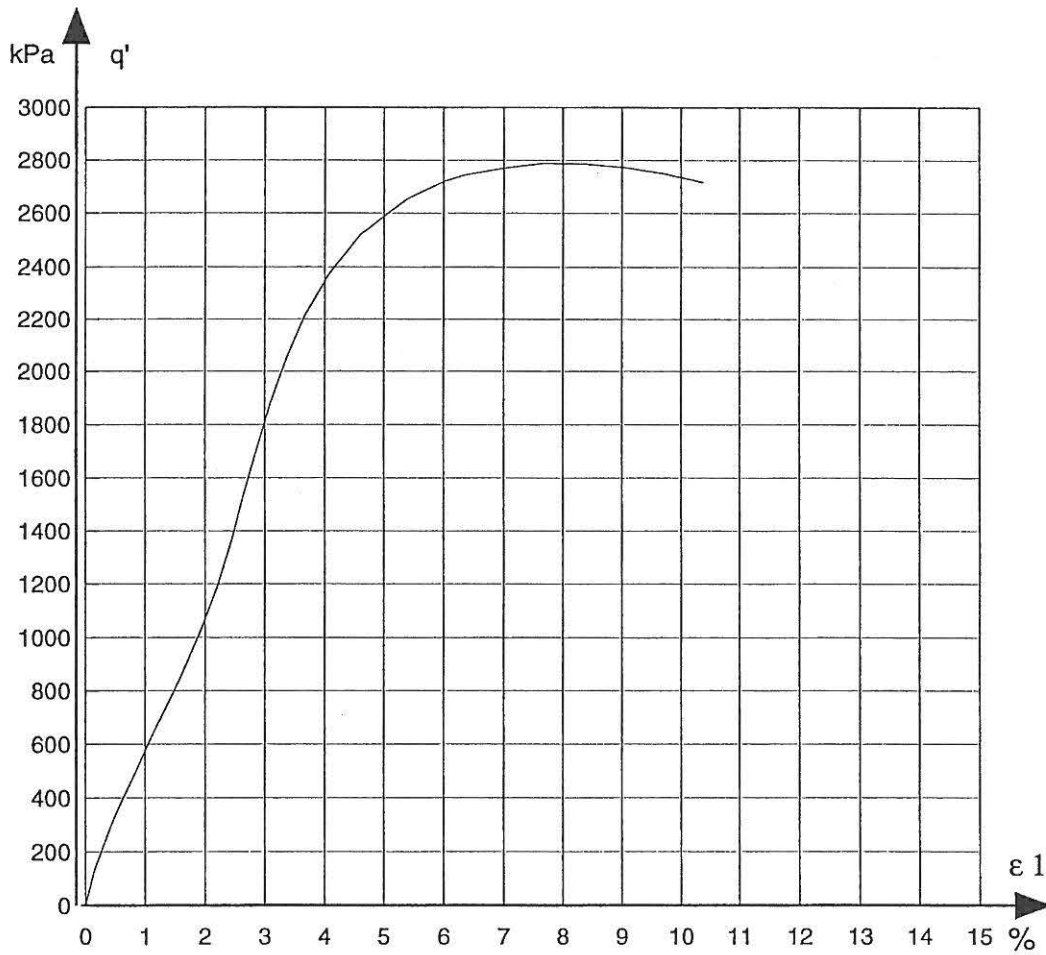
		Values at failure	Values for $\Delta \epsilon_v = 0$
Deviator stress	q'	2,788.0 kPa	1,538.8 kPa
Mean normal stress	p'	1,729.3 kPa	1,312.9 kPa
Confining pressures	σ_3	800.0 kPa	800.0 kPa
Vertical strain	ϵ_1	7.67 %	2.64 %
Volumetric strain	ϵ_v	-3.03 %	0.25 %



q'	p'	ϵ_1	ϵ_v
0.0	800.0	0.00	0.00
131.7	843.9	0.14	0.04
311.3	903.8	0.46	0.11
489.7	963.2	0.82	0.14
666.8	1022.3	1.19	0.18
842.6	1080.9	1.57	0.22
1017.4	1139.1	1.91	0.23
1191.6	1197.2	2.21	0.25
1365.3	1255.1	2.44	0.25
1538.8	1312.9	2.64	0.25
1710.5	1370.2	2.87	0.22
1881.3	1427.1	3.09	0.18
2213.1	1537.7	3.67	-0.07
2371.8	1590.6	4.07	-0.29
2521.8	1640.6	4.60	-0.63
2655.8	1685.3	5.39	-1.19
2722.1	1707.4	6.03	-1.66
2745.4	1715.1	6.35	-1.95
2770.9	1723.6	7.01	-2.49
2788.0	1729.3	7.67	-3.03
2786.2	1728.7	8.35	-3.61
2773.3	1724.4	9.04	-4.19
2749.9	1716.6	9.72	-4.76
2716.5	1705.5	10.39	-5.31

Job:	Encl. No
Blokhus sand	25
Exc:	Check:
HSP	LBI

Remark:

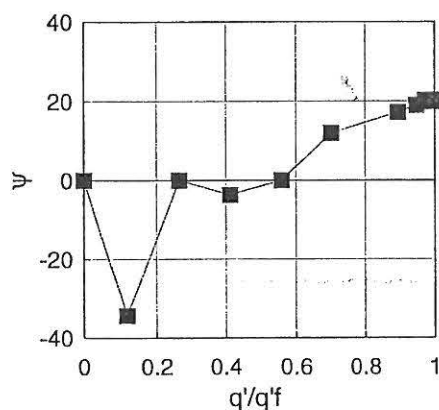
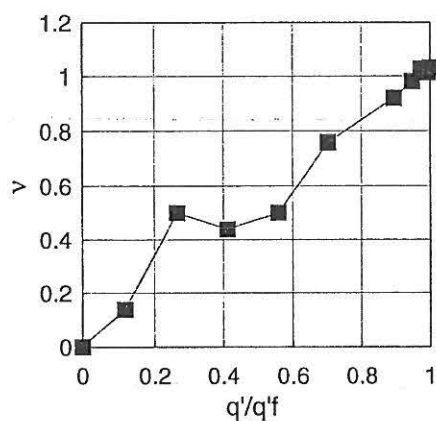


Job:	Encl. No
Blokhuis sand	26
Exc:	Check:
HPS	LBI

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	
		Saturation	0.554	0.620
Loadtransducer	22.09.77	Dimension H mm	0	
50-2		D mm	72	
			70	

TEST-PROGRAM	Drained compression.		
CD - Triaxial test. free ends	1. Isotropic compression.	σ_3	8-20 kPa
		ϵ_1	0.02 %
		ϵ_v	0 %
	2. Drained compression.		
	Deformation rate:		9.0 % ph

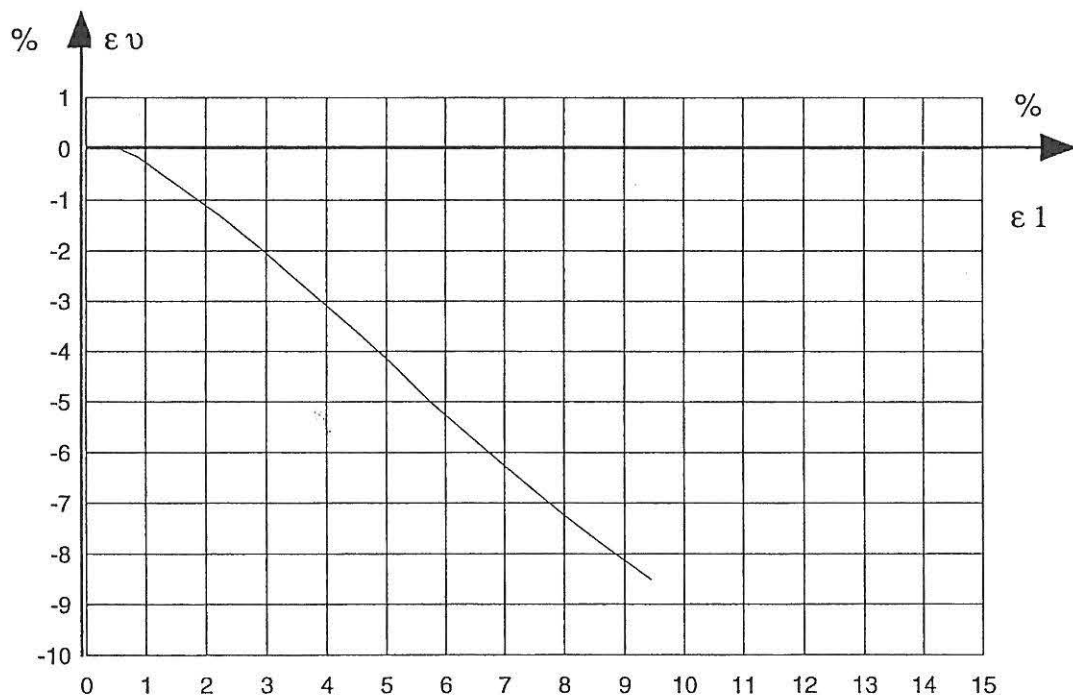
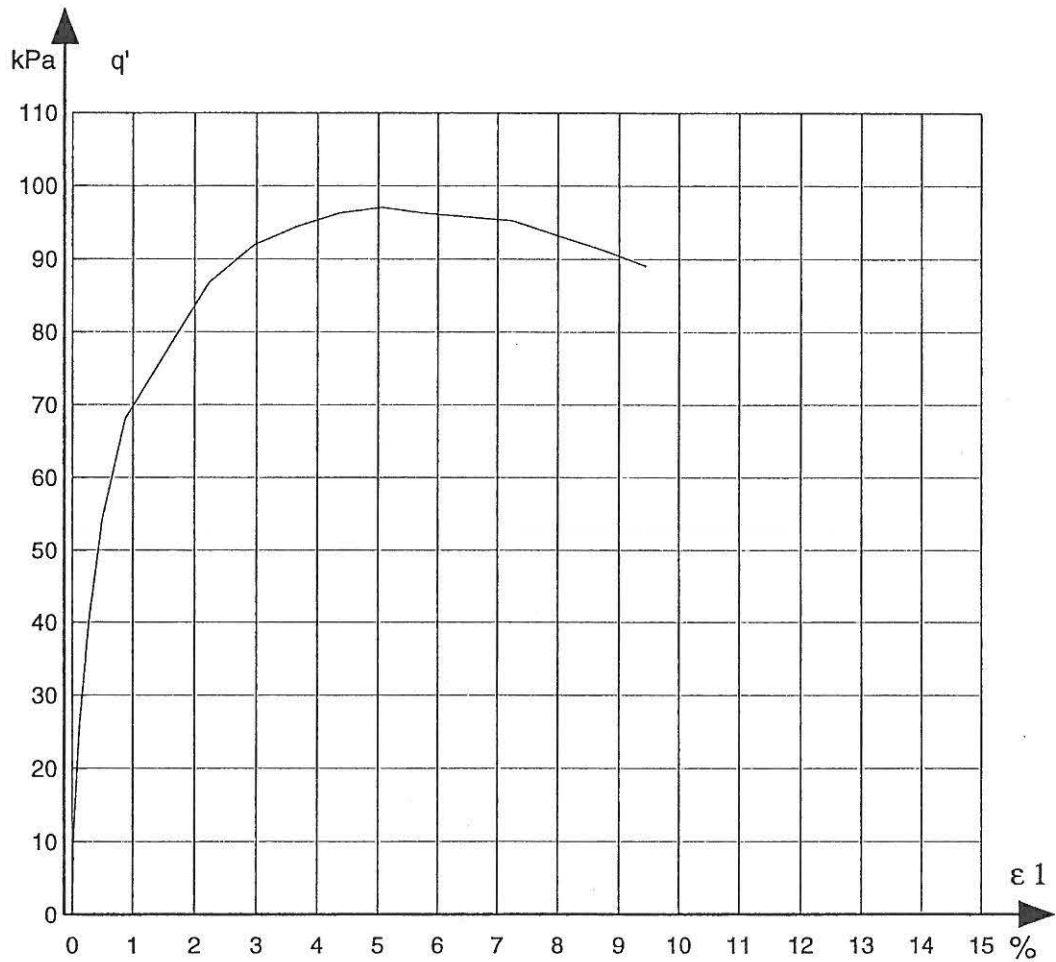
		Values at failure	Values for $\Delta\epsilon_v = 0$
Deviator stress	q'	97.0 kPa	54.2 kPa
Mean normal stress	p'	52.3 kPa	38.1 kPa
Confining pressures	σ_3	20.0 kPa	20.0 kPa
Vertical strain	ϵ_1	5.06 %	0.49 %
Volumetric strain	ϵ_v	-4.20 %	0.04 %



q'	p'	ϵ_1	ϵ_v
0.00	20.00	0.00	0.00
11.35	23.78	0.02	0.02
25.70	28.57	0.11	0.02
40.01	33.34	0.26	0.04
54.22	38.07	0.49	0.04
68.13	42.71	0.88	-0.16
86.84	48.95	2.23	-1.30
91.95	50.65	2.96	-2.00
94.47	51.49	3.66	-2.74
96.32	52.11	4.36	-3.46
97.03	52.34	5.06	-4.20
96.31	52.10	5.77	-5.03
95.78	51.93	6.51	-5.77
95.26	51.75	7.24	-6.50
93.31	51.10	7.99	-7.22
91.33	50.44	8.72	-7.89
89.10	49.70	9.45	-8.52

Job:	Encl. No
Blokhus sand	27
Exc:	Check:
HSP	LBI

Remark:

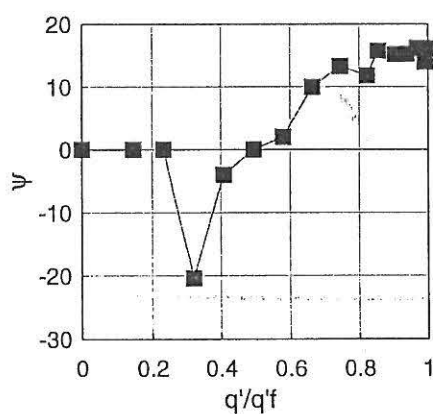
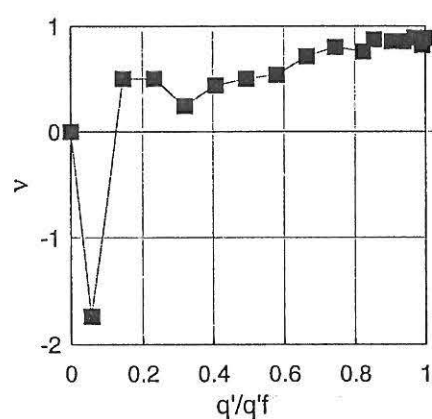


Job:	Encl. No
Blokhuss sand	28
Exc:	Check:
HPS	LBI

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	
Loadtransducer	05.09.78	Saturation	0.560	0.618
50-2		Dimension H mm	0	
		D mm	72	
			70	

TEST-PROGRAM CD - Triaxial test. free ends	Drained compression.		
	1. Isotropic compression.	σ_3	6.5-20 kPa
		ϵ_1	0.02 %
		ϵ_v	0.34 %
	2. Drained compression.		
	Deformation rate:		7.7 % ph

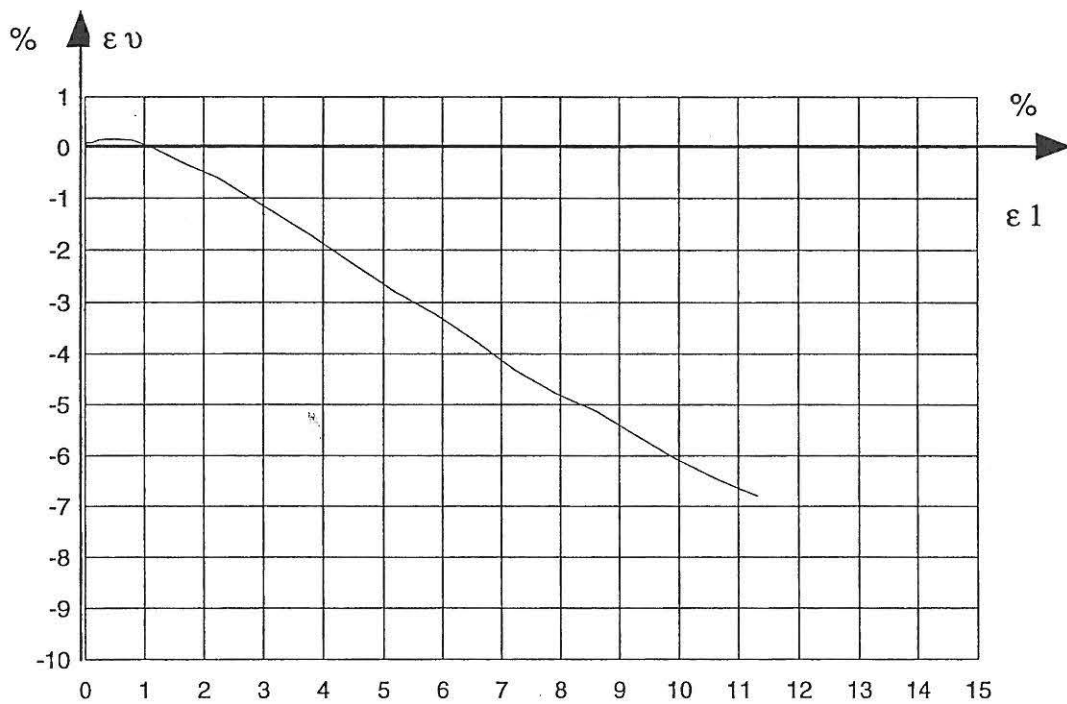
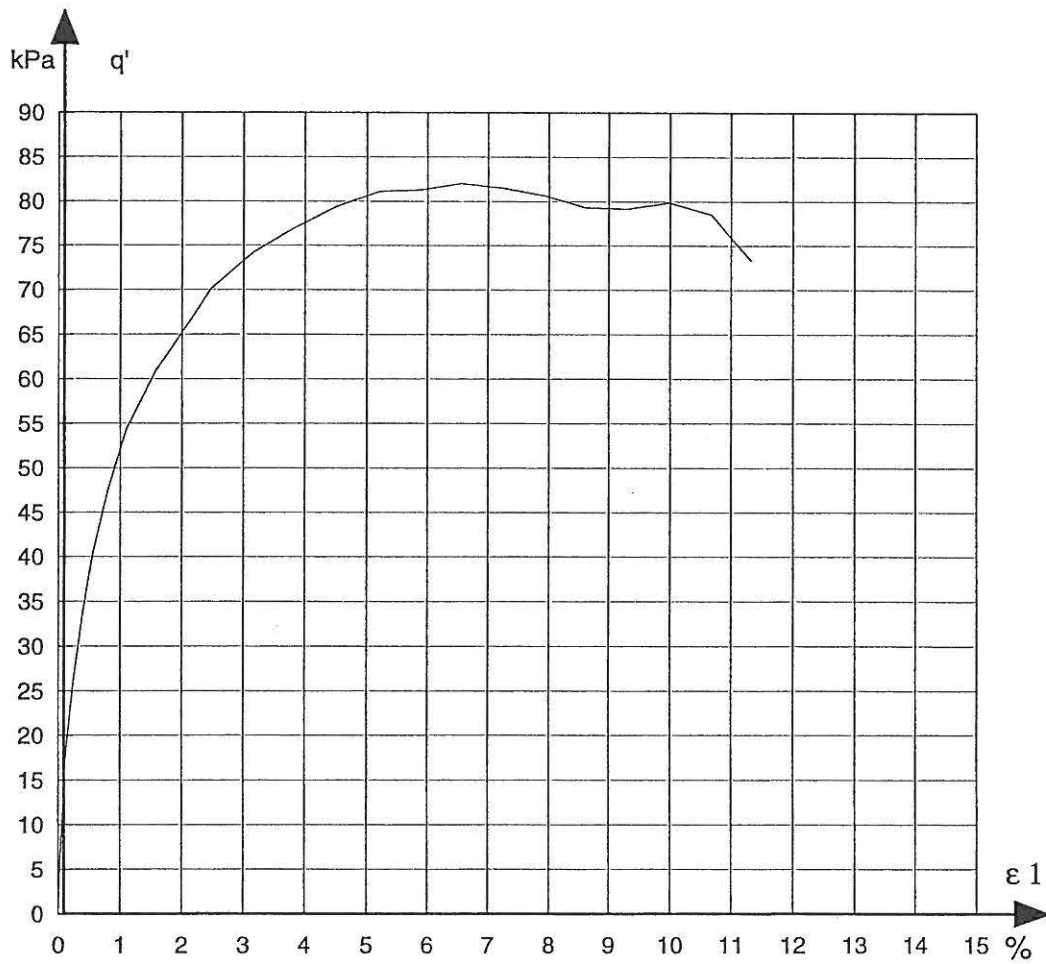
		Values at failure	Values for $\Delta\epsilon_v = 0$
Deviator stress	q'	82.0 kPa	40.5 kPa
Mean normal stress	p'	47.3 kPa	33.5 kPa
Confining pressures	σ_3	20.0 kPa	20.0 kPa
Vertical strain	ϵ_1	6.56 %	0.55 %
Volumetric strain	ϵ_v	-3.75 %	0.16 %



q'	p'	ϵ_1	ϵ_v
0.00	20.00	0.00	0.00
4.72	21.57	0.02	0.09
11.90	23.97	0.06	0.09
19.08	26.36	0.13	0.09
26.25	28.75	0.23	0.14
33.39	31.13	0.37	0.16
40.48	33.49	0.55	0.16
47.51	35.84	0.80	0.14
54.42	38.14	1.10	0.02
61.05	40.35	1.59	-0.27
67.44	42.48	2.22	-0.60
74.20	44.73	3.15	-1.26
76.91	45.64	3.81	-1.73
79.42	46.47	4.51	-2.27
81.09	47.03	5.20	-2.80
81.28	47.09	5.88	-3.23
82.00	47.33	6.56	-3.75
81.50	47.17	7.24	-4.33
80.66	46.89	7.92	-4.78
79.31	46.44	8.61	-5.12
79.16	46.39	9.30	-5.61
79.85	46.62	9.99	-6.08
78.54	46.18	10.66	-6.48
73.25	44.42	11.32	-6.80

Job:	Encl. No
Blokhus sand	29
Exc:	Check:
HSP	LBI

Remark:

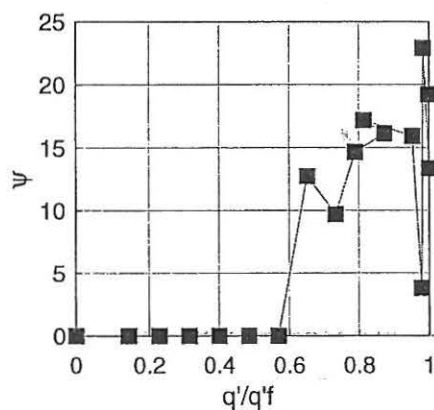
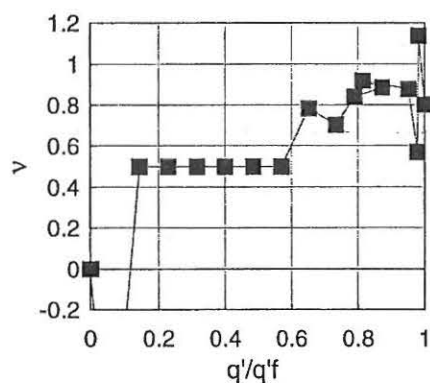


Job:	Encl. No
Blokhuis sand	30
Exc:	Check:
HPS	LBI

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	
		Saturation	0.533	0.594
Loadtransducer	07.09.78	Dimension H mm	0	
50-2		D mm	72	
			70	

TEST-PROGRAM	Drained compression.		
CD - Triaxial test. free ends	1. Isotropic compression.	σ_3	6.5-20 kPa
		ϵ_1	0.05 %
		ϵ_v	0.07 %
	2. Drained compression.		
Deformation rate:		7.7 % ph	

		Values at failure		Values for $\Delta \epsilon_v = 0$	
Deviator stress	q'	83.83	kPa	47.70	kPa
Mean normal stress	p'	47.94	kPa	35.90	kPa
Confining pressures	σ_3	20.00	kPa	20.00	kPa
Vertical strain	ϵ_1	5.91	%	0.47	%
Volumetric strain	ϵ_v	-3.97	%	0.04	%

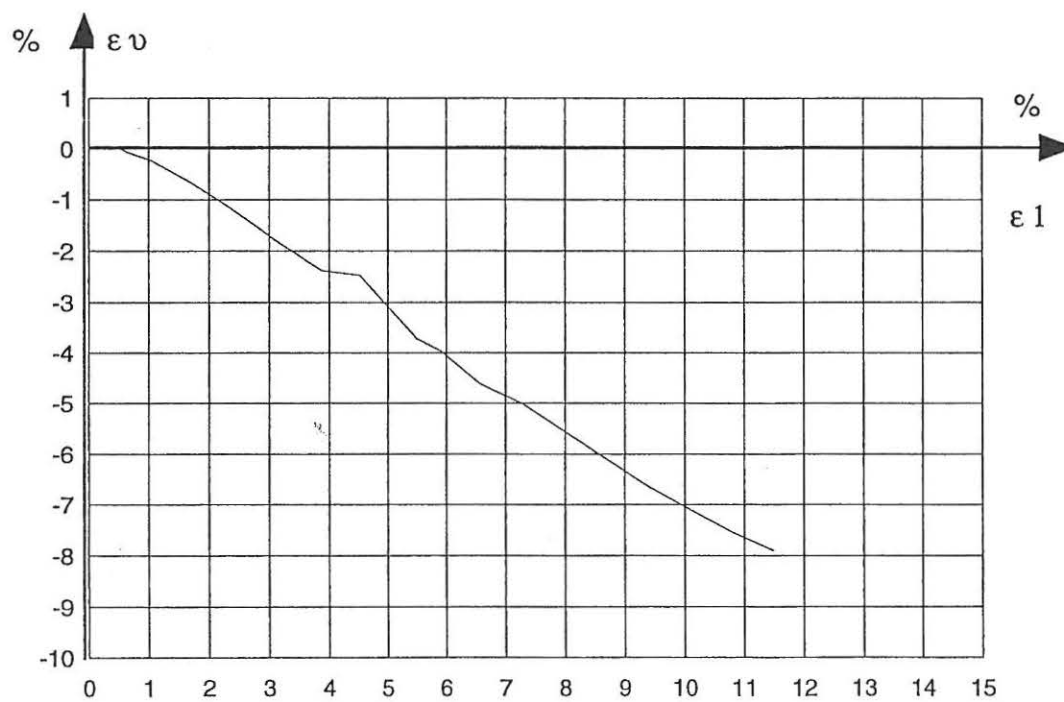
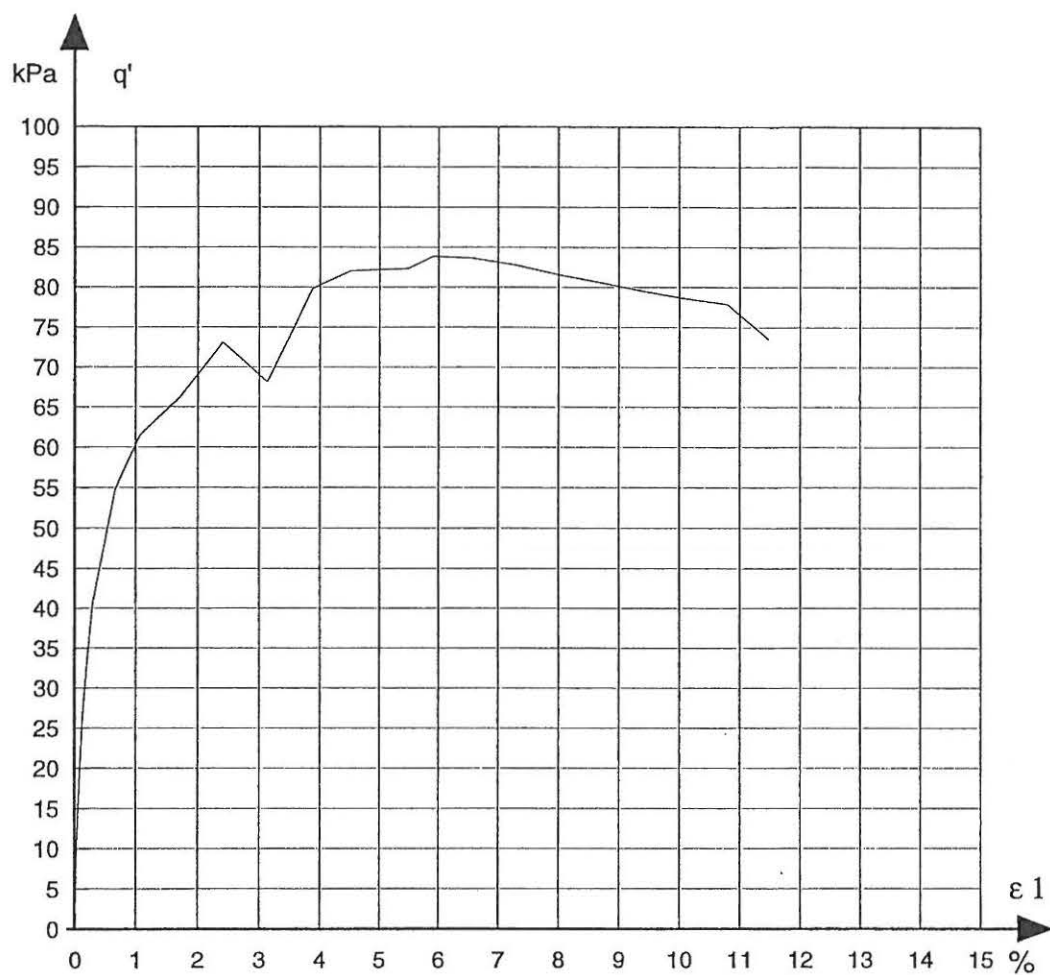


q'	p'	ϵ_1	ϵ_v
0.00	20.00	0.00	0.00
12.00	24.00	0.03	0.04
19.18	26.39	0.07	0.04
26.35	28.78	0.12	0.04
33.51	31.17	0.19	0.04
40.64	33.55	0.29	0.04
47.72	35.91	0.47	0.04
54.71	38.24	0.66	-0.07
61.50	40.50	1.06	-0.23
66.17	42.06	1.70	-0.67
73.10	44.37	2.41	-1.21
68.16	42.72	3.14	-1.82
79.81	46.60	3.88	-2.38
82.03	47.34	4.51	-2.47
82.31	47.44	5.49	-3.72
83.83	47.94	5.91	-3.97
83.62	47.87	6.57	-4.62
82.78	47.59	7.30	-5.02
81.61	47.20	7.99	-5.56
80.57	46.86	8.70	-6.10
79.55	46.52	9.40	-6.64
78.58	46.19	10.11	-7.11
77.90	45.97	10.80	-7.54
73.51	44.50	11.48	-7.90

Job:	Encl. No
Blokhus sand	31
Exc:	Check:
HSP	FRJ

Remark:

The confining pressure was not constant during the test.

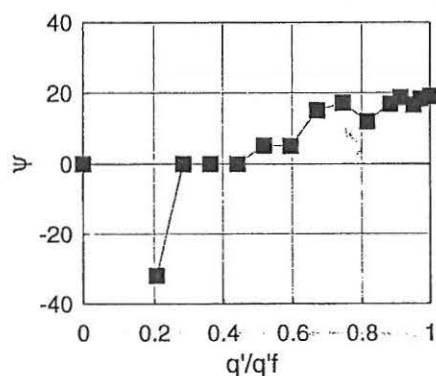
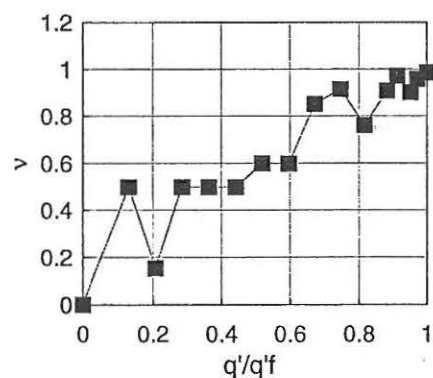


Job:	Encl. No
Blokhuss sand	32
Exc:	Check:
HPS	FRJ

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	
		Saturation	0.569	0.626
Loadtransducer	12.09.78	Dimension H mm	0	
50-2		D mm	72	
			70	

TEST-PROGRAM CD - Triaxial test. free ends	Drained compression.		
	1. Isotropic compression.	σ_3	8-20 kPa
		ϵ_1	0.01 %
		ϵ_v	0.04 %
2. Drained compression.			
Deformation rate:			7.3 % ph

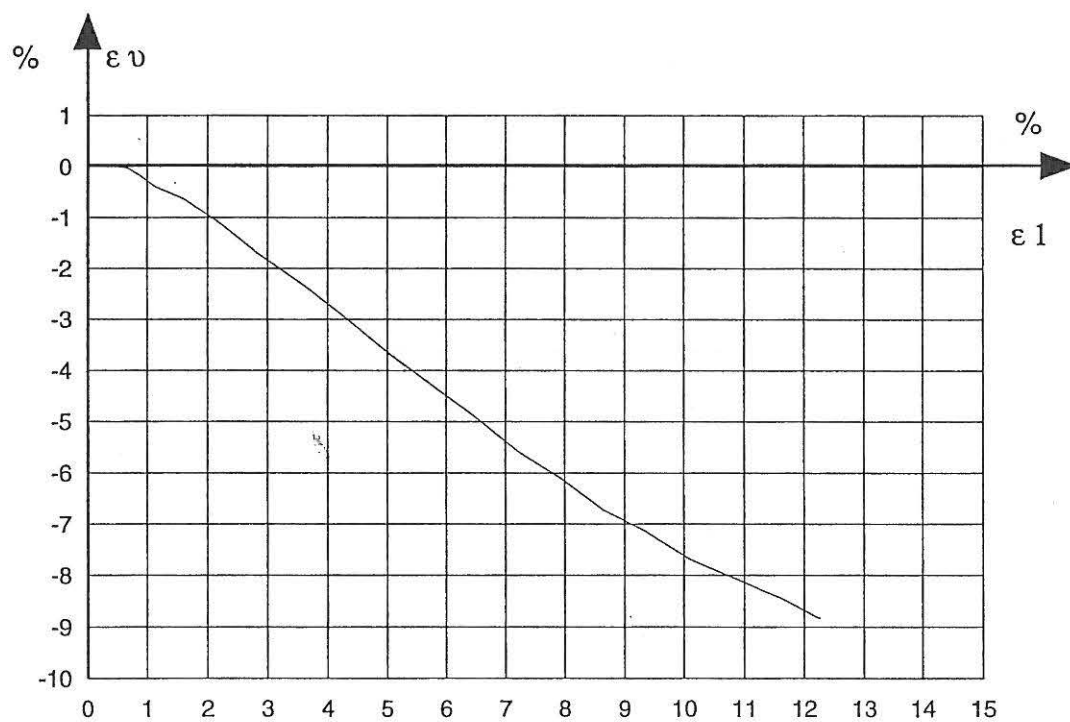
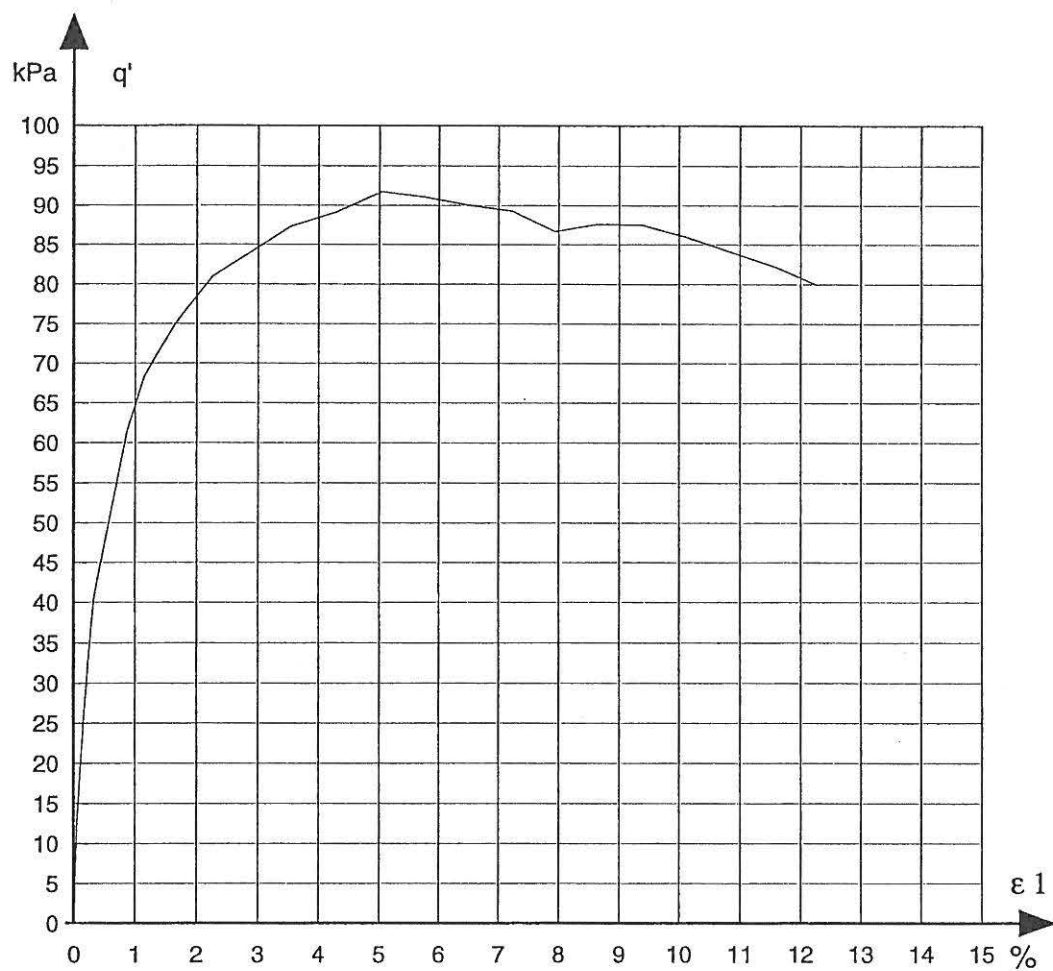
		Values at failure	Values for $\Delta\epsilon_v = 0$
Deviator stress	q'	91.8 kPa	40.6 kPa
Mean normal stress	p'	50.6 kPa	33.5 kPa
Confining pressures	σ_3	20.0 kPa	20.0 kPa
Vertical strain	ϵ_1	5.04 %	0.32 %
Volumetric strain	ϵ_v	-3.68 %	0.04 %



q'	p'	ϵ_1	ϵ_v
0.00	20.00	0.00	0.00
11.92	23.97	0.04	0.00
19.10	26.37	0.09	0.04
26.27	28.76	0.15	0.04
33.42	31.14	0.23	0.04
40.56	33.52	0.32	0.04
47.62	35.87	0.50	0.00
54.65	38.22	0.69	-0.04
61.59	40.53	0.87	-0.16
68.35	42.78	1.15	-0.40
74.86	44.95	1.63	-0.65
80.97	46.99	2.25	-1.15
83.77	47.92	2.83	-1.70
87.29	49.10	3.54	-2.27
89.11	49.70	4.29	-2.96
91.75	50.58	5.04	-3.68
91.03	50.34	5.77	-4.29
90.06	50.02	6.49	-4.91
89.27	49.76	7.23	-5.59
87.62	49.21	8.63	-6.71
87.54	49.18	9.36	-7.15
86.03	48.68	10.09	-7.69
82.12	47.37	11.61	-8.44
79.93	46.64	12.27	-8.84

Job:	Encl. No
Blokhus sand	33
Exc:	Check:
HSP	LBI

Remark:

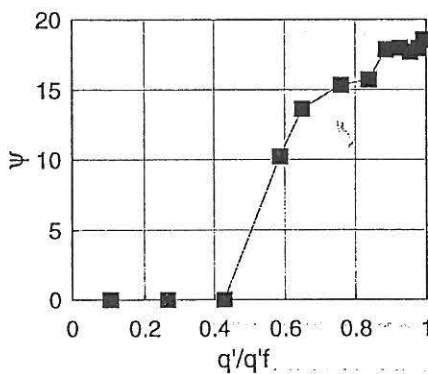
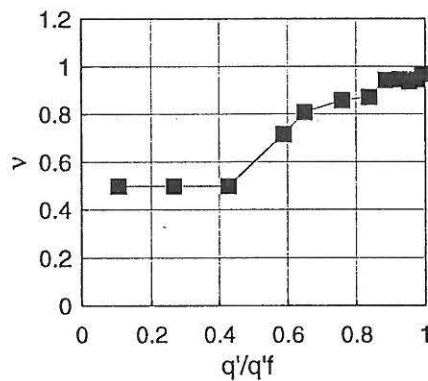


Job:	Encl. No
Blokhus sand	34
Exc:	Check:
HPS	LBI

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	
Loadtransducer	26.09.78	Saturation	0.531	0.626
50-2		Dimension H mm	0	
		D mm	72	
			70	

TEST-PROGRAM CD - Triaxial test. free ends	Drained compression.		
	1. Isotropic compression.	σ_3	8.00 kPa
		ϵ_1	0.00 %
		ϵ_v	0.00 %
	2. Drained compression.		
	Deformation rate:		8.0 % ph

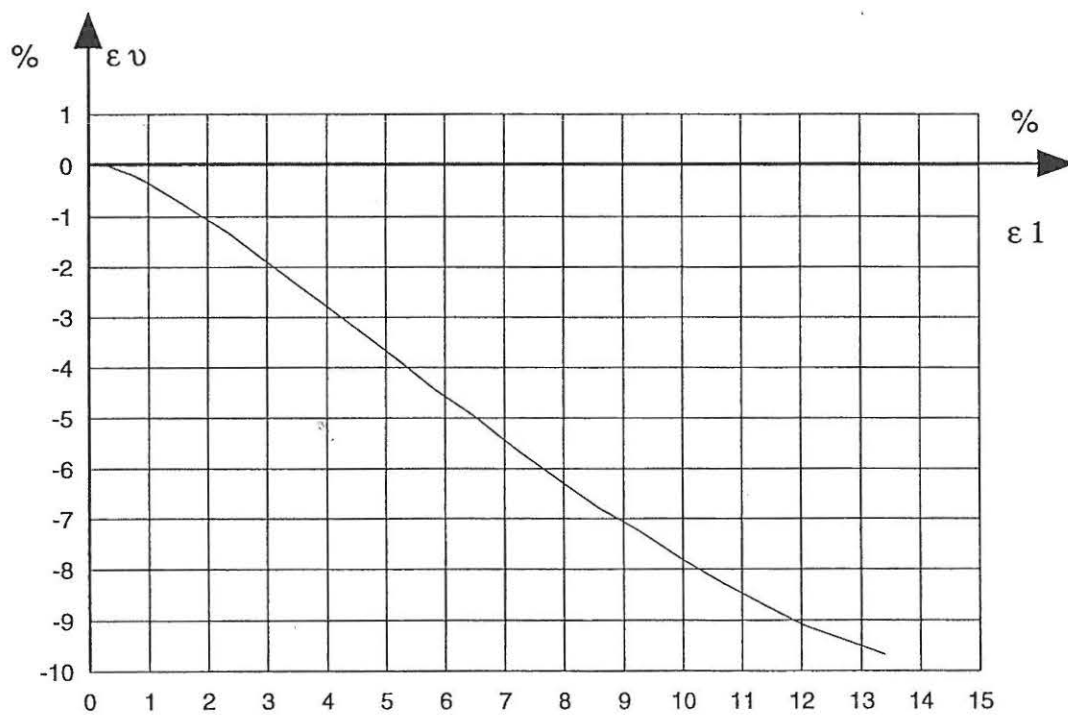
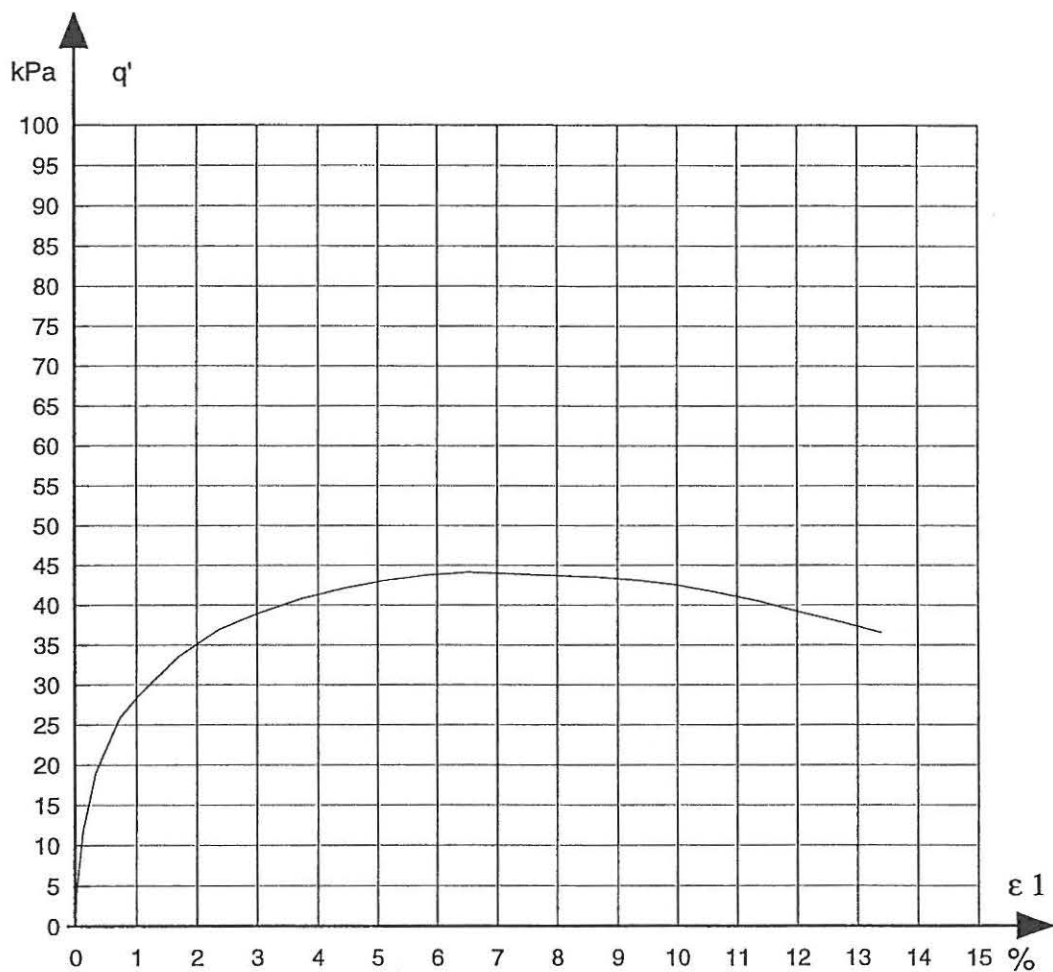
		Values at failure		Values for $\Delta \epsilon_v = 0$	
Deviator stress	q'	44.2	kPa	18.9	kPa
Mean normal stress	p'	22.7	kPa	14.3	kPa
Confining pressures	σ_3	8.0	kPa	8.0	kPa
Vertical strain	ϵ_1	6.51	%	0.32	%
Volumetric strain	ϵ_v	-4.98	%	0.00	%



q'	p'	ϵ_1	ϵ_v
0.00	8.00	0.00	0.00
4.60	9.53	0.02	0.00
11.77	11.92	0.12	0.00
18.91	14.30	0.32	0.00
25.92	16.64	0.74	-0.18
28.63	17.54	1.03	-0.36
33.51	19.17	1.68	-0.83
36.97	20.32	2.36	-1.34
39.09	21.03	3.05	-1.95
40.87	21.62	3.74	-2.56
42.13	22.04	4.44	-3.18
43.15	22.38	5.13	-3.79
43.80	22.60	5.83	-4.44
44.15	22.72	6.51	-4.98
43.94	22.65	7.21	-5.63
43.77	22.59	7.90	-6.21
43.55	22.52	8.59	-6.78
43.20	22.40	9.28	-7.25
42.61	22.20	9.97	-7.80
41.62	21.87	10.67	-8.26
40.55	21.52	11.37	-8.70
39.17	21.06	12.04	-9.09
37.91	20.64	12.71	-9.38
36.54	20.18	13.40	-9.67

Job:	Encl. No
Blokhus sand	35
Exc:	Check:
HSP	LBI

Remark:
No isotropic consolidation.

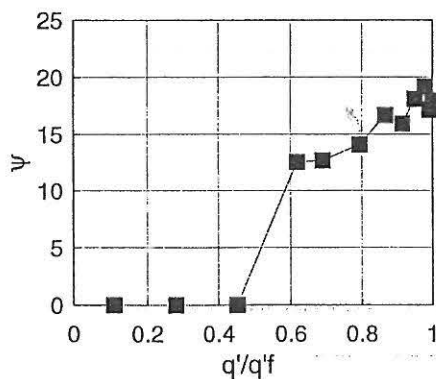
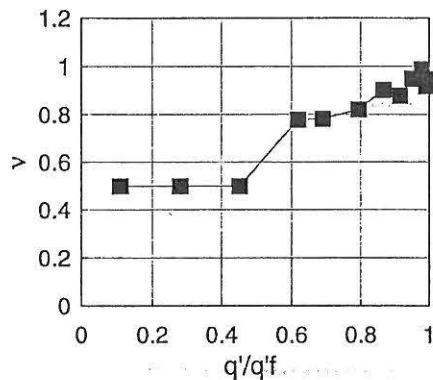


Job:	Encl. No
Blokhus sand	36
Exc:	Check:
HPS	LBI

Description of soil			Before test	At failure
Blokhus sand		Water content %	0	0.640
		Grain density	2.65	
Calibration file	Date	Void ratio	0.562	
Loadtransducer 50-2	28.09.78	Saturation	0	
		Dimension H mm	72	
		D mm	70	

TEST-PROGRAM.	Drained compression.		
CD - Triaxial test. free ends	1. Isotropic compression.	σ_3	8.00 kPa
		ϵ_1	0.00 %
		ϵ_v	0.00 %
	2. Drained compression.		
Deformation rate:			8.1 % ph

		Values at failure		Values for $\Delta \epsilon_v = 0$	
Deviator stress	q'	41.9	kPa	18.9	kPa
Mean normal stress	p'	22.0	kPa	14.3	kPa
Confining pressures	σ_3	8.0	kPa	8.0	kPa
Vertical strain	ϵ_1	6.51	%	0.29	%
Volumetric strain	ϵ_v	-4.98	%	0.00	%

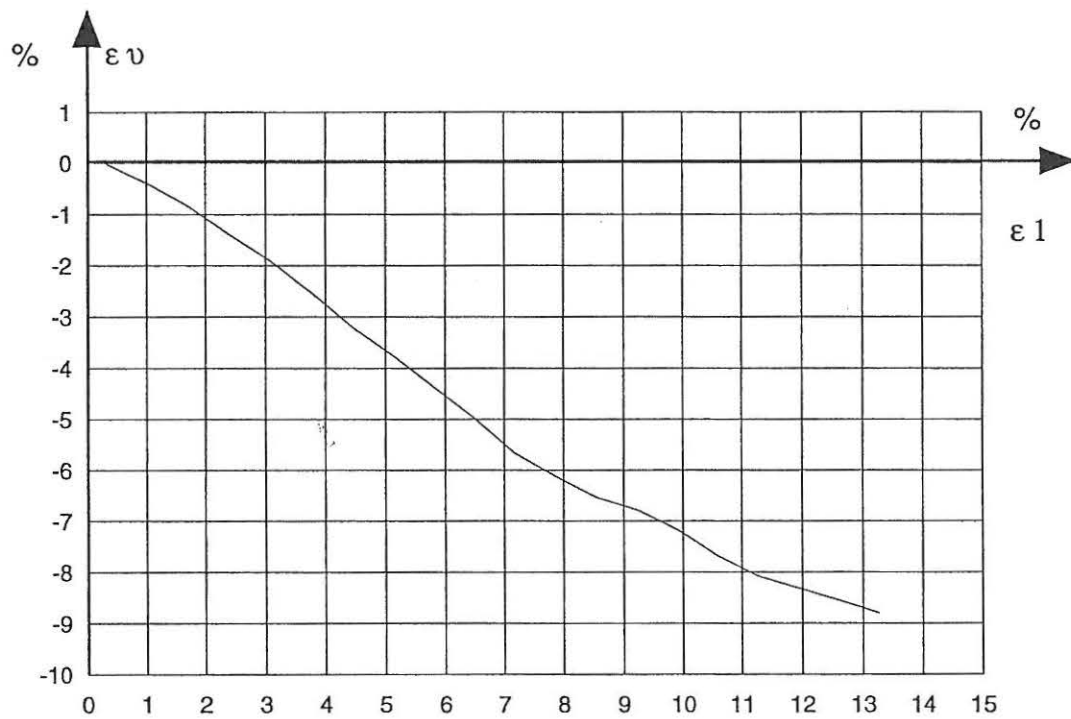
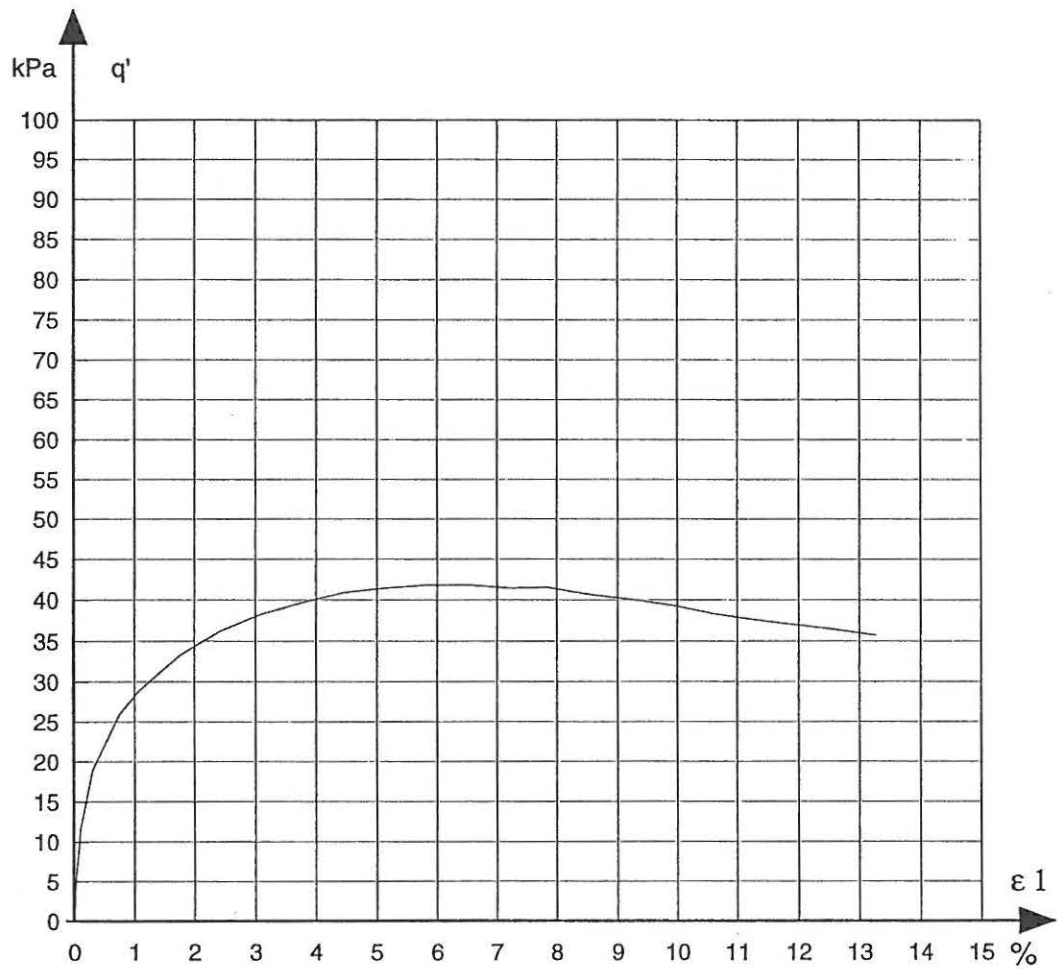


q'	p'	ϵ_1	ϵ_v
0.00	8.00	0.00	0.00
4.60	9.53	0.02	0.00
11.77	11.92	0.10	0.00
18.92	14.31	0.29	0.00
25.90	16.63	0.75	-0.25
28.88	17.63	1.07	-0.43
33.25	19.08	1.74	-0.87
36.24	20.08	2.42	-1.41
38.27	20.76	3.08	-1.91
39.77	21.26	3.80	-2.56
40.96	21.65	4.47	-3.21
41.49	21.83	5.16	-3.79
41.86	21.95	5.85	-4.40
41.86	21.95	6.50	-4.98
41.47	21.82	7.18	-5.67
41.57	21.86	7.85	-6.10
40.72	21.57	8.54	-6.53
40.08	21.36	9.24	-6.78
39.37	21.12	9.93	-7.18
38.36	20.79	10.60	-7.69
37.64	20.55	11.27	-8.08
36.44	20.15	12.62	-8.55
35.74	19.91	13.27	-8.81

Job:	Encl. No
Blokhus sand	37
Exc:	Check:
HSP	LBI

Remark:

No isotropic consolidation.

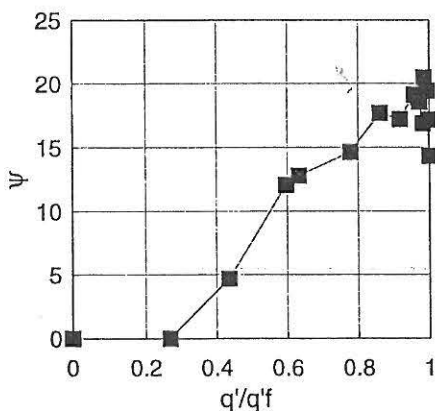
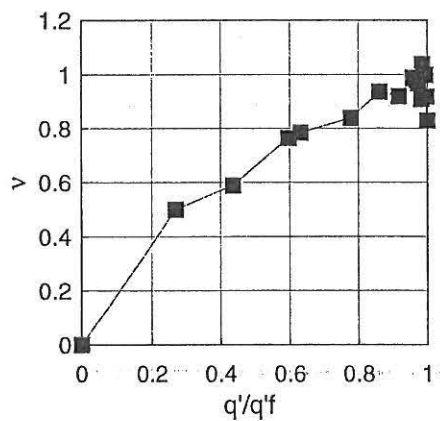


Job:	Encl. No
Blokhuis sand	38
Exc:	Check:
HPS	LBI

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	
		Saturation	0.551	0.622
Loadtransducer	31.09.78	Dimension H mm	0	
50-2		D mm	72	
			70	

TEST-PROGRAM.	Drained compression.		
CD - Triaxial test. free ends	1. Isotropic compression.	σ_3	8.00 kPa
		ϵ_1	0.00 %
		ϵ_v	0.00 %
	2. Drained compression.		
Deformation rate:			8.2 % ph

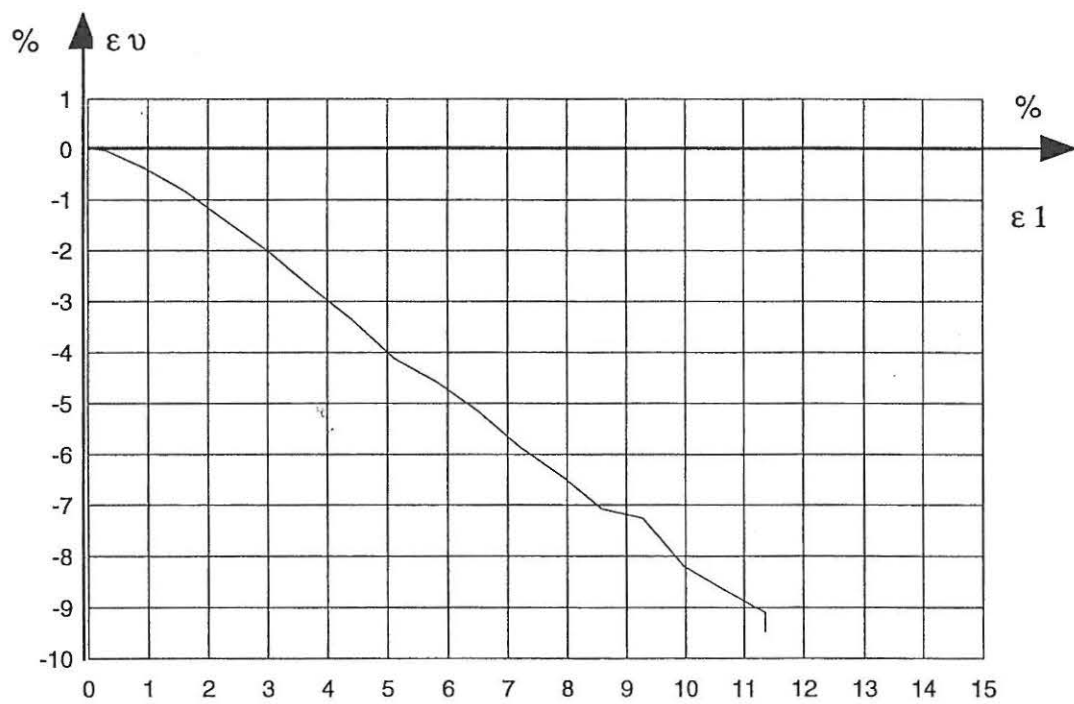
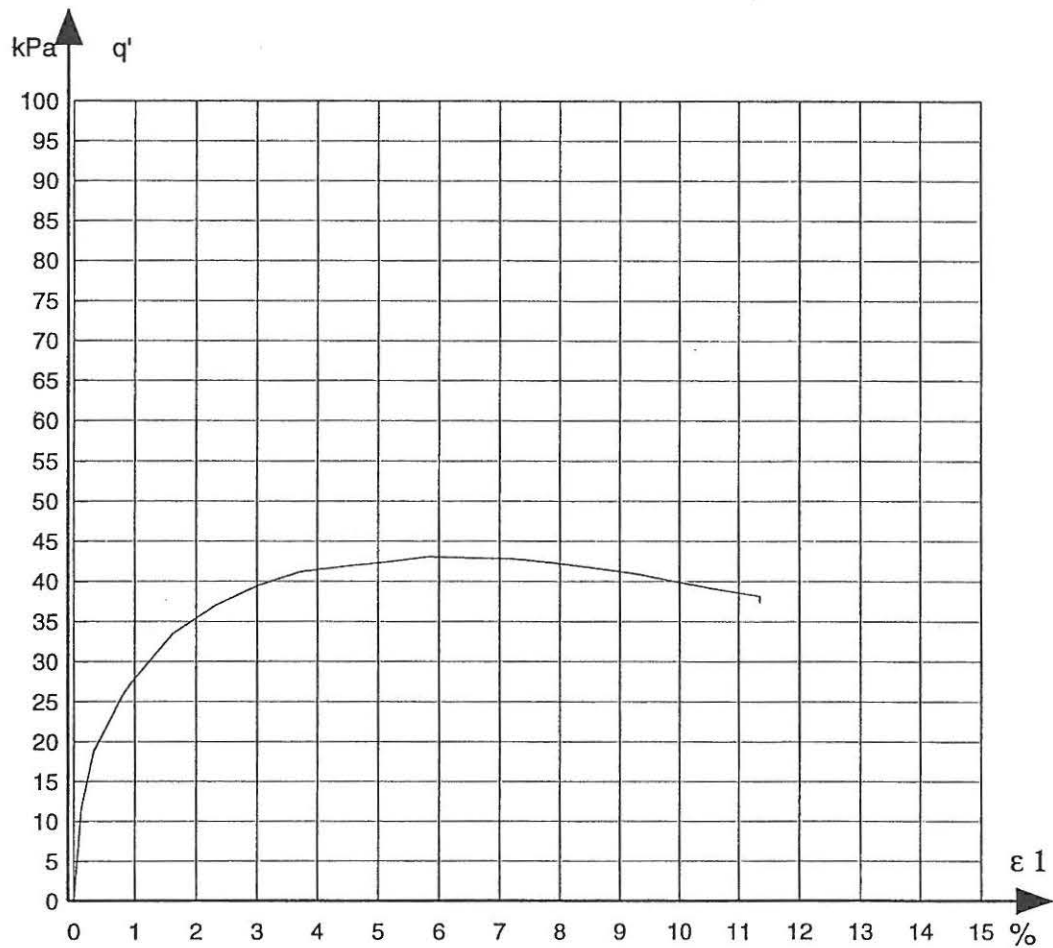
		Values at failure	Values for $\Delta\epsilon_v = 0$
Deviator stress	q'	43.10 kPa	11.63 kPa
Mean normal stress	p'	22.37 kPa	11.88 kPa
Confining pressures	σ_3	8.00 kPa	8.00 kPa
Vertical strain	ϵ_1	5.82 %	0.12 %
Volumetric strain	ϵ_v	-4.58 %	0.00 %



q'	p'	ϵ_1	ϵ_v
0.00	8.00	0.00	0.00
11.63	11.88	0.12	0.00
18.76	14.25	0.32	-0.04
25.73	16.58	0.80	-0.29
27.24	17.08	0.93	-0.36
33.51	19.17	1.62	-0.83
37.09	20.36	2.32	-1.44
39.49	21.16	3.01	-2.02
41.23	21.74	3.71	-2.71
41.87	21.96	4.40	-3.36
42.44	22.15	5.11	-4.11
43.10	22.37	5.82	-4.58
42.93	22.31	6.51	-5.16
42.84	22.28	7.20	-5.85
42.31	22.10	7.95	-6.46
41.72	21.91	8.59	-7.07
40.97	21.66	9.27	-7.25
39.95	21.32	9.96	-8.19
38.99	21.00	10.66	-8.66
38.19	20.73	11.35	-9.09
37.35	20.45	11.35	-9.49

Job:	Encl. No
Blokhus sand	39
Exc:	Check:
HSP	FRJ

Remark:
No isotropic consolidation.

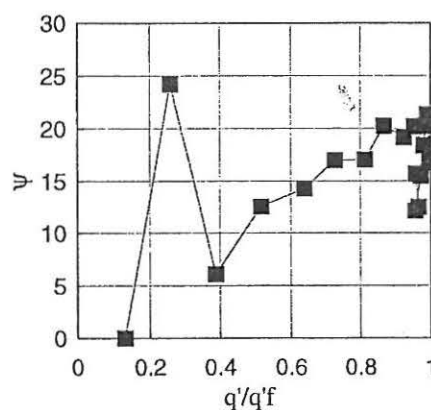
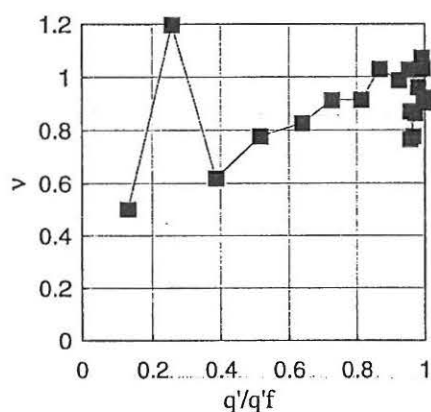


Job:	Encl. No
Blokhus sand	40
Exc:	Check:
HPS	FRJ

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	0.635
Loadtransducer	5.10.78	Saturation	0.546	
18-2		Dimension H mm	0	
		D mm	72	
			70	

TEST-PROGRAM	Drained compression.		
CD - Triaxial test. free ends	1. Isotropic compression.	σ_3	5.00 kPa
		ϵ_1	0.00 %
		ϵ_v	0.00 %
	2. Drained compression.		
	Deformation rate:		7.0 % ph

		Values at failure		Values for $\Delta \epsilon_v = 0$	
Deviator stress	q'	32.87	kPa	4.26	kPa
Mean normal stress	p'	15.96	kPa	6.42	kPa
Confining pressures	σ_3	5.00	kPa	5.00	kPa
Vertical strain	ϵ_1	6.47	%	0.01	%
Volumetric strain	ϵ_v	-5.81	%	0.00	%

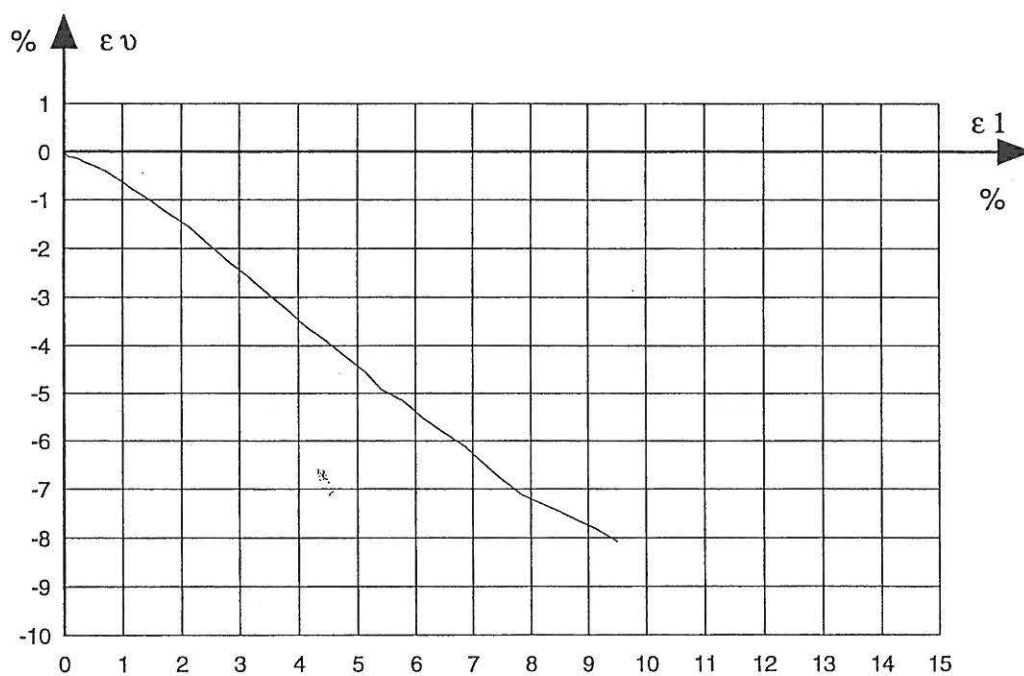
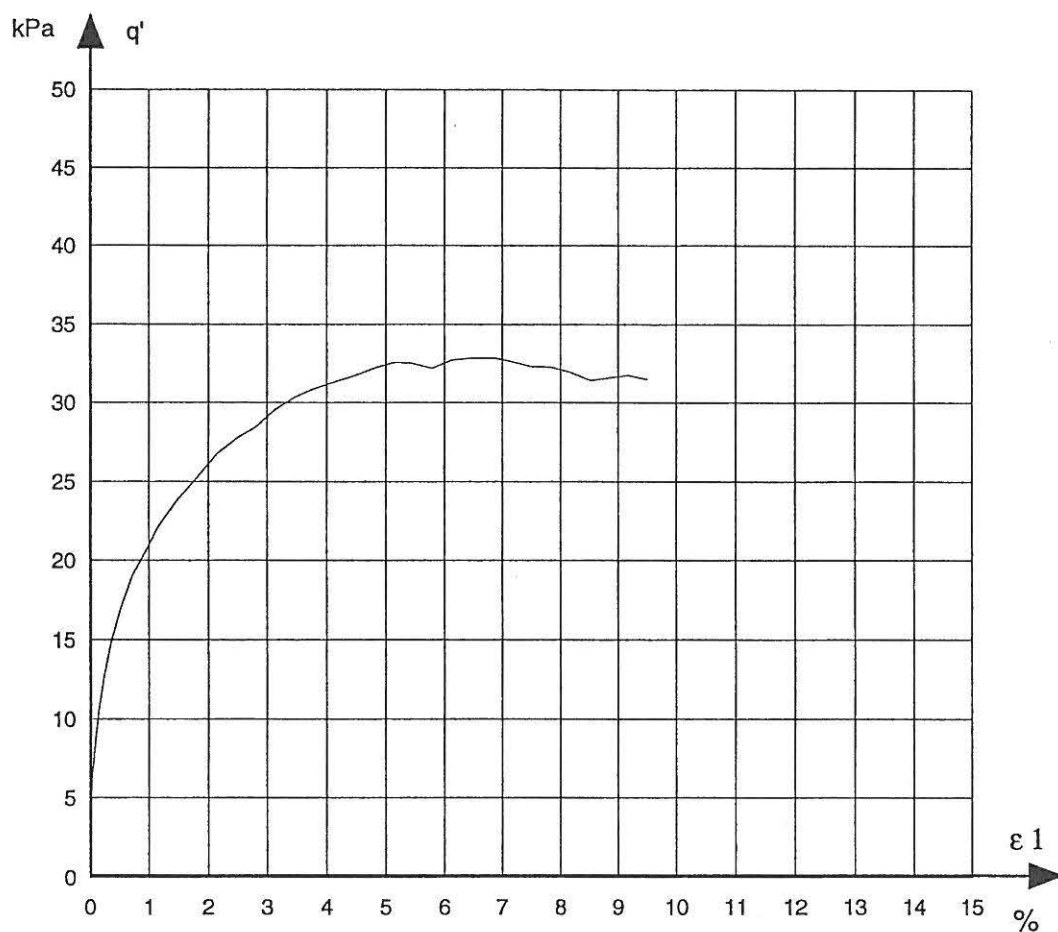


q'	p'	ϵ_1	ϵ_v
0.00	5.00	0.00	0.00
4.26	6.42	0.01	0.00
8.51	7.84	0.09	-0.11
12.74	9.25	0.24	-0.14
16.92	10.64	0.50	-0.29
20.98	11.99	1.00	-0.61
23.87	12.96	1.48	-1.01
26.71	13.90	2.13	-1.55
28.48	14.49	2.81	-2.27
30.35	15.12	3.48	-2.92
31.33	15.44	4.13	-3.61
32.21	15.74	4.80	-4.22
32.57	15.86	5.40	-4.91
32.74	15.91	6.13	-5.52
32.87	15.96	6.47	-5.81
32.85	15.95	6.87	-6.14
32.67	15.89	7.14	-6.42
32.32	15.77	7.49	-6.78
31.93	15.64	8.18	-7.29
31.43	15.48	8.52	-7.47
31.75	15.58	9.17	-7.83
31.49	15.50	9.51	-8.08

Job:	Encl. No
Blokhus sand	41
Exc:	Check:
HSP	FRJ

Remark:

No isotropic consolidation.

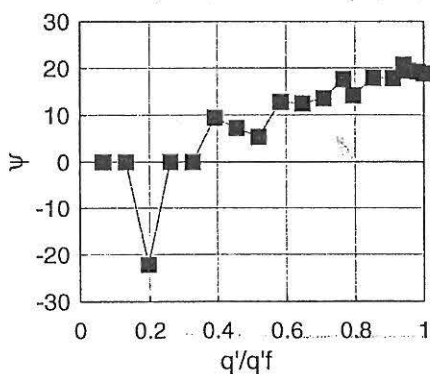
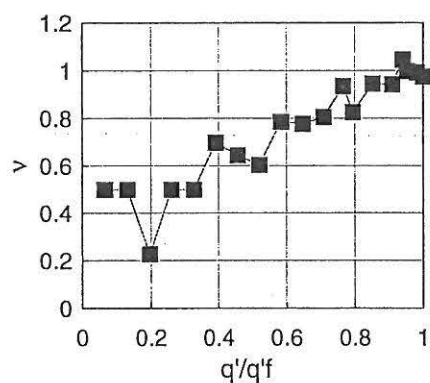


Job:	Encl. No
Blokhuis sand	42
Exc:	Check:
HSP	FRJ

Description of soil			Before test	At failure
Blokhussand		Water content %	0	
		Grain density	2.65	
Calibration file	Date	Void ratio	0.542	0.620
		Saturation	0	
Loadtransducer 18-2	17.10.78	Dimension H mm	72	
		D mm	70	

TEST-PROGRAM	Drained compression.		
CD - Triaxial test. free ends	1. Isotropic compression.	σ_3	5.00 kPa
		ϵ_1	0.00 %
		ϵ_v	0.00 %
	2. Drained compression.		
Deformation rate:		7.3 % ph	

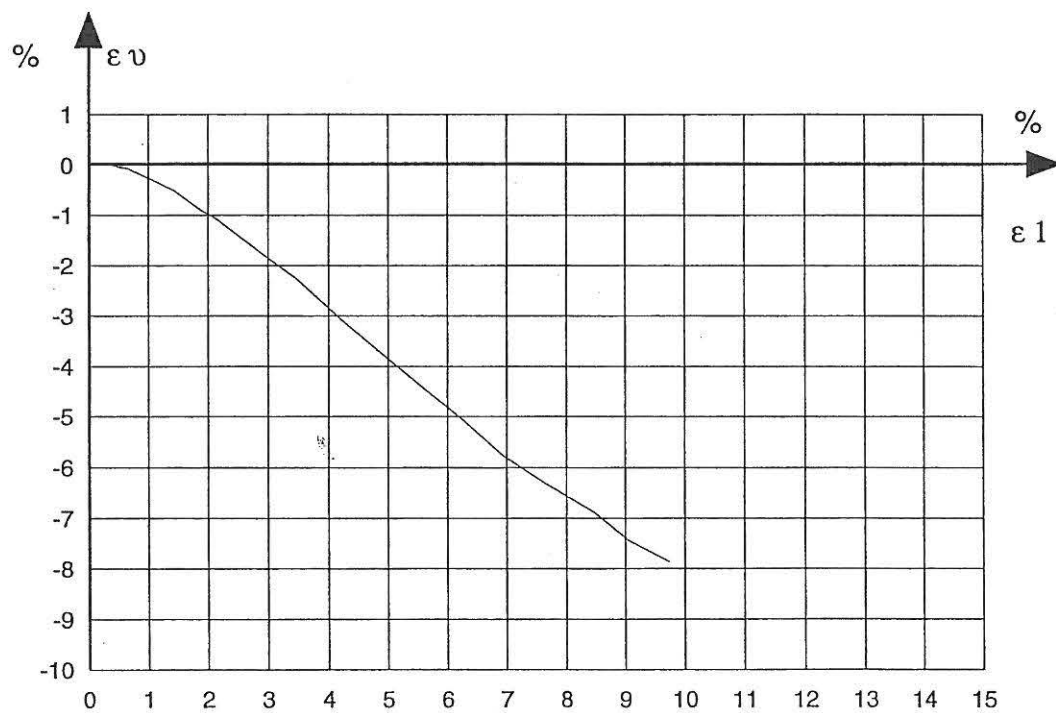
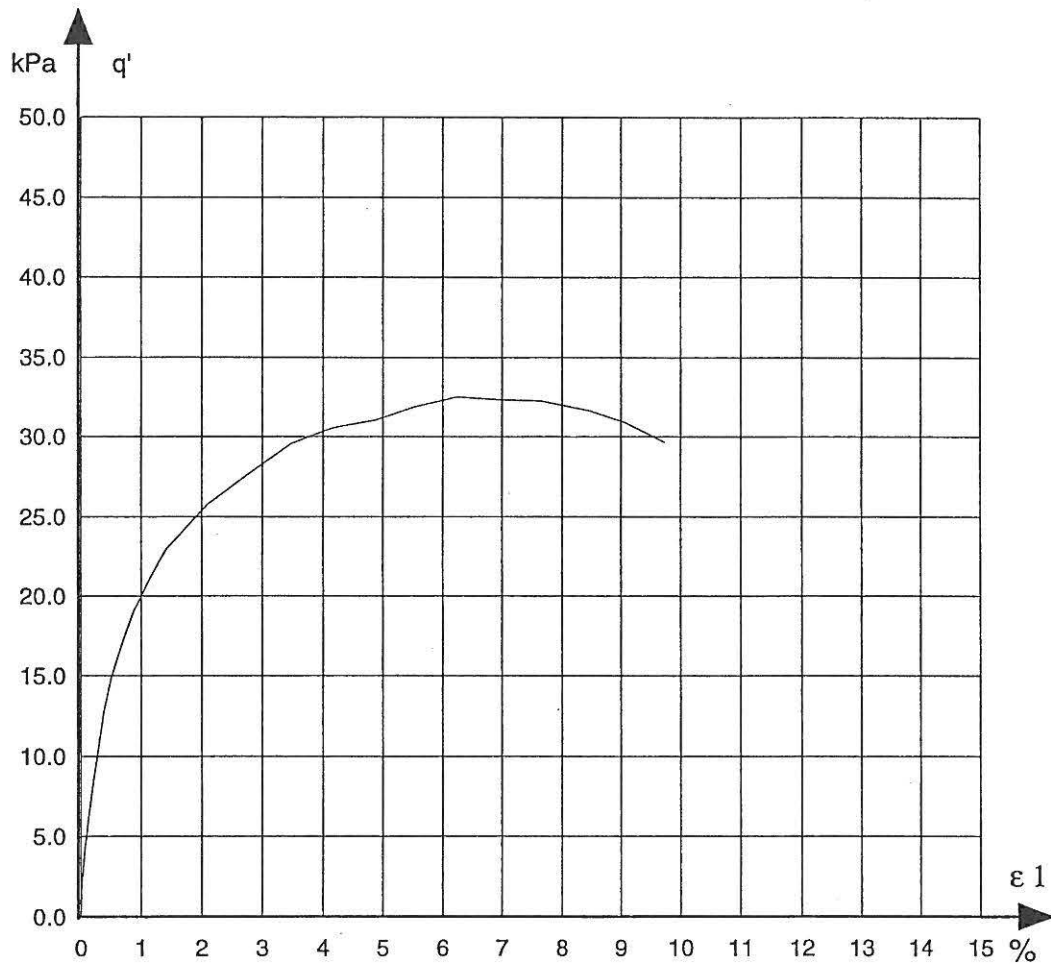
		Values at failure	Values for $\Delta\epsilon_v = 0$
Deviator stress	q'	32.5 kPa	10.6 kPa
Mean normal stress	p'	15.8 kPa	8.5 kPa
Confining pressures	σ_3	5.0 kPa	5.0 kPa
Vertical strain	ϵ_1	6.24 %	0.29 %
Volumetric strain	ϵ_v	-5.05 %	0.04 %



q'	p'	ϵ_1	ϵ_v
0.00	5.00	0.00	0.00
2.13	5.71	0.02	0.00
4.26	6.42	0.06	0.00
6.39	7.13	0.13	0.04
8.51	7.84	0.21	0.04
10.63	8.54	0.29	0.04
12.74	9.25	0.38	0.00
14.84	9.95	0.50	-0.04
16.92	10.64	0.68	-0.07
18.98	11.33	0.87	-0.18
21.01	12.00	1.13	-0.32
24.88	13.29	1.88	-0.90
25.82	13.61	2.10	-1.05
27.72	14.24	2.79	-1.66
29.57	14.86	3.48	-2.27
30.57	15.19	4.18	-3.03
31.01	15.34	4.86	-3.72
31.90	15.63	5.56	-4.40
32.50	15.83	6.24	-5.05
32.33	15.78	6.95	-5.77
32.26	15.75	7.65	-6.32
31.61	15.54	8.49	-6.89
30.93	15.31	9.05	-7.43
29.65	14.88	9.74	-7.87

Job:	Encl. No
Blokhuss sand	43
Exc:	Check:
HSP	LBI

Remark:
No isotropic consolidation.

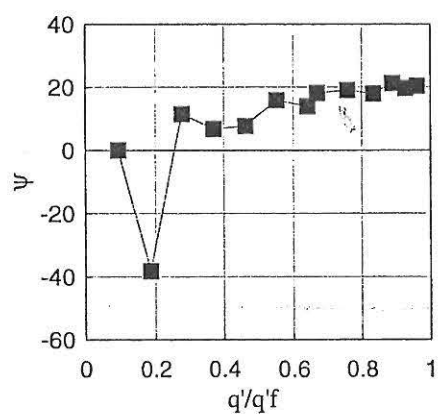
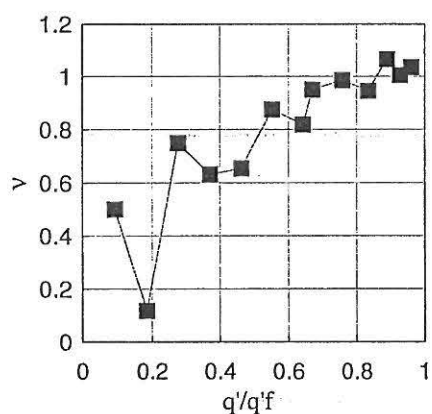


Job:	Encl. No
Blokhus sand	44
Exc:	Check:
HPS	LBI

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	
		Saturation	0.551	0.648
Loadtransducer	24.10.78	Dimension H mm	0	
18-2		D mm	72	
			70	

TEST-PROGRAM CD - Triaxial test. free ends	Drained compression.		
	1. Isotropic compression.	σ_3	2.50 kPa
		ϵ_1	0.00 %
		ϵ_v	0.00 %
2. Drained compression.			
Deformation rate:		7.7 % ph	

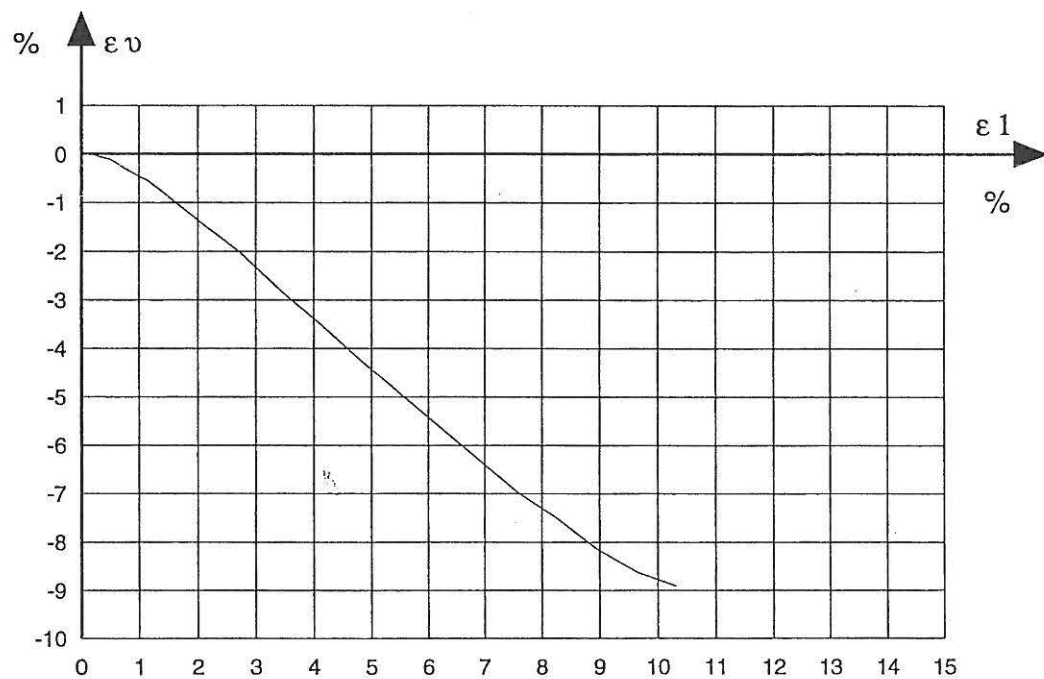
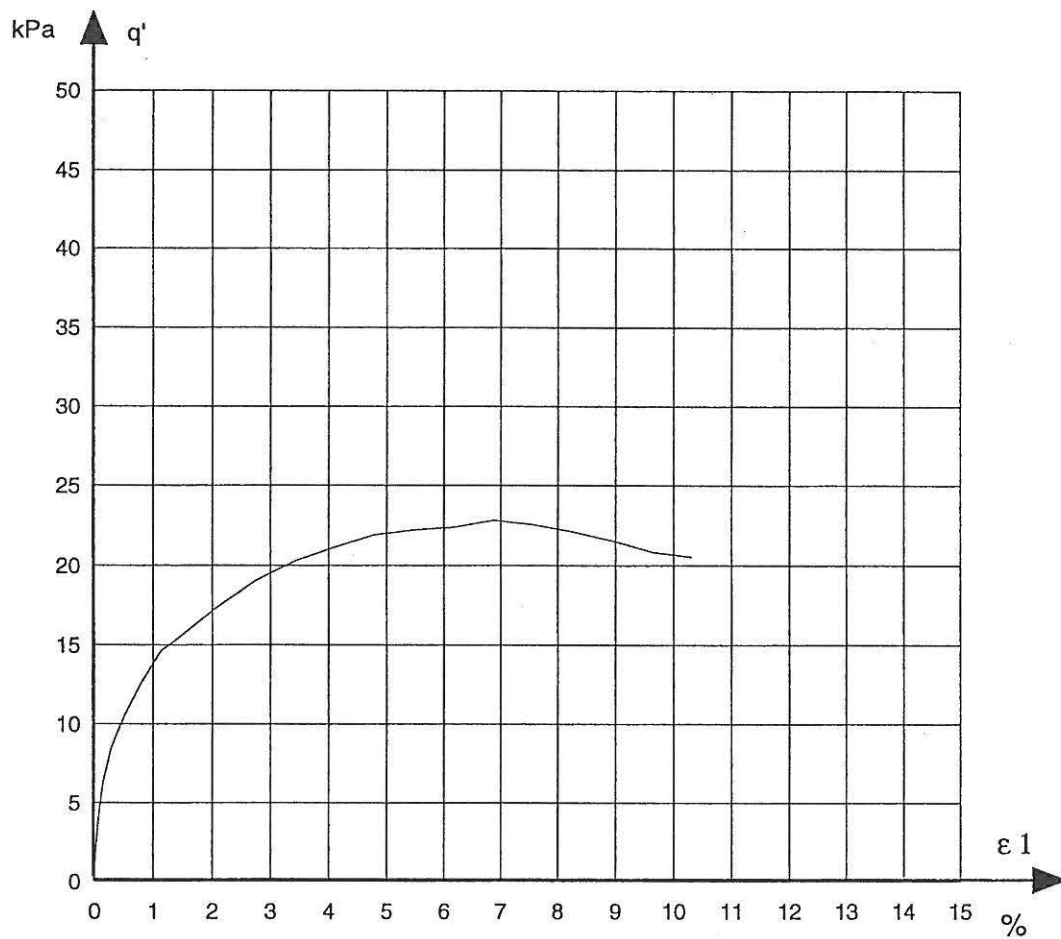
		Values at failure		Values for $\Delta \epsilon_v = 0$	
Deviator stress	q'	22.83	kPa	4.22	kPa
Mean normal stress	p'	10.11	kPa	3.91	kPa
Confining pressures	σ_3	2.50	kPa	2.50	kPa
Vertical strain	ϵ_1	6.87	%	0.07	%
Volumetric strain	ϵ_v	-6.28	%	0.04	%



q'	p'	ϵ_1	ϵ_v
0.00	2.50	0.00	0.00
2.09	3.20	0.02	0.00
4.22	3.91	0.07	0.04
6.34	4.61	0.14	0.00
8.46	5.32	0.28	-0.04
10.55	6.02	0.51	-0.11
12.61	6.70	0.80	-0.32
14.63	7.38	1.14	-0.54
15.28	7.59	1.38	-0.76
17.30	8.27	2.05	-1.41
19.03	8.84	2.73	-2.02
20.30	9.27	3.44	-2.81
21.17	9.56	4.12	-3.50
21.93	9.81	4.79	-4.22
22.24	9.91	5.48	-4.91
22.39	9.96	6.17	-5.59
22.83	10.11	6.87	-6.28
22.55	10.02	7.57	-6.97
22.12	9.87	8.26	-7.51
21.53	9.68	8.97	-8.16
20.86	9.45	9.64	-8.63
20.54	9.35	10.32	-8.91

Job:	Encl. No
Blokhus sand	45
Exc:	Check:
HSP	FRJ

Remark:
No isotropic consolidation

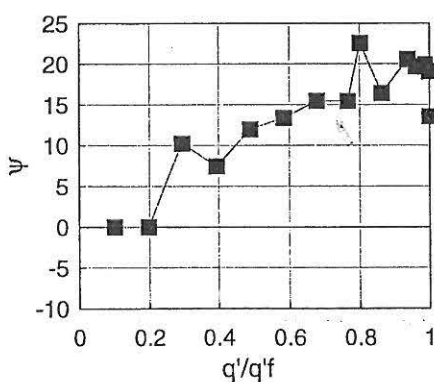
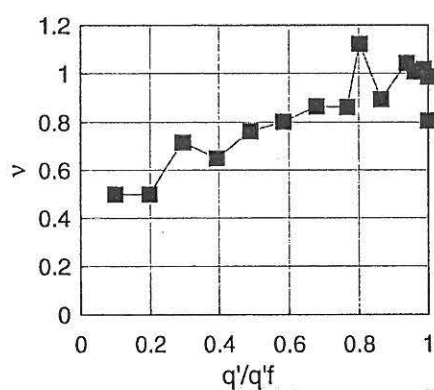


Job:	Encl. No
Blokhuis sand	46
Exc:	Check:
HSP	FRJ

Description of soil Blokhus sand		Water content %	Before test 0	At failure 0.632
		Grain density	2.65	
Calibration file	Date	Void ratio	0.539	
Loadtransducer 18-2	01.11.78	Saturation	0	
		Dimension H mm	72	
		D mm	70	

TEST-PROGRAM	Drained compression.		
CD - Triaxial test. free ends	1. Isotropic compression.	σ_3	2.50 kPa
		ϵ_1	0.00 %
		ϵ_v	0.00 %
	2. Drained compression.		
Deformation rate:			7.8 % ph

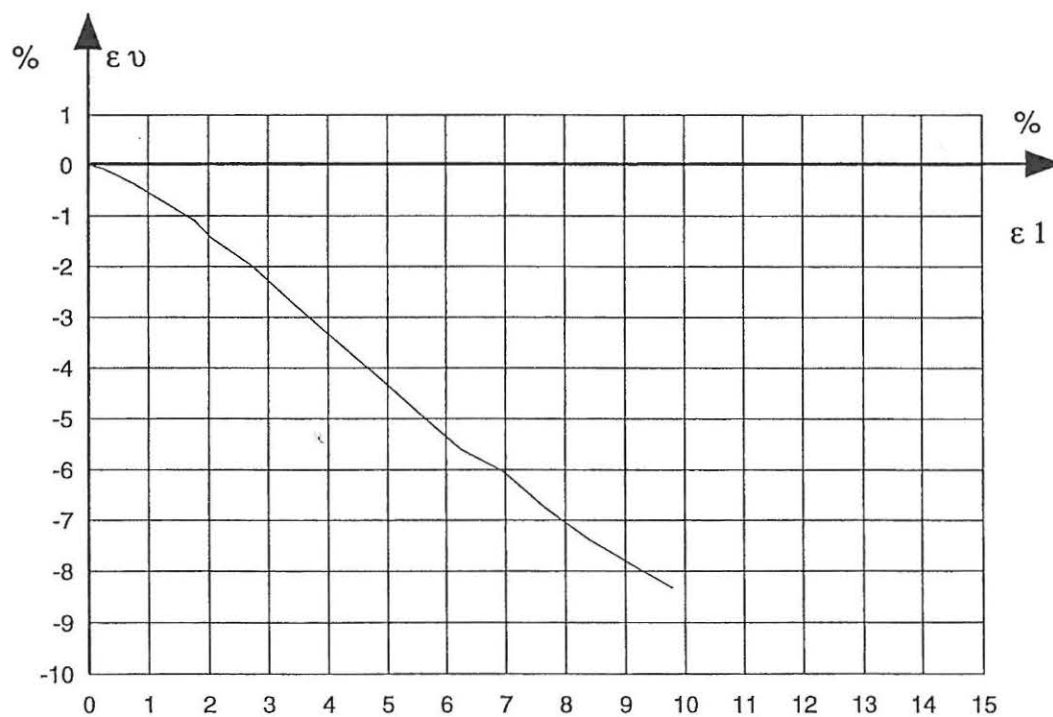
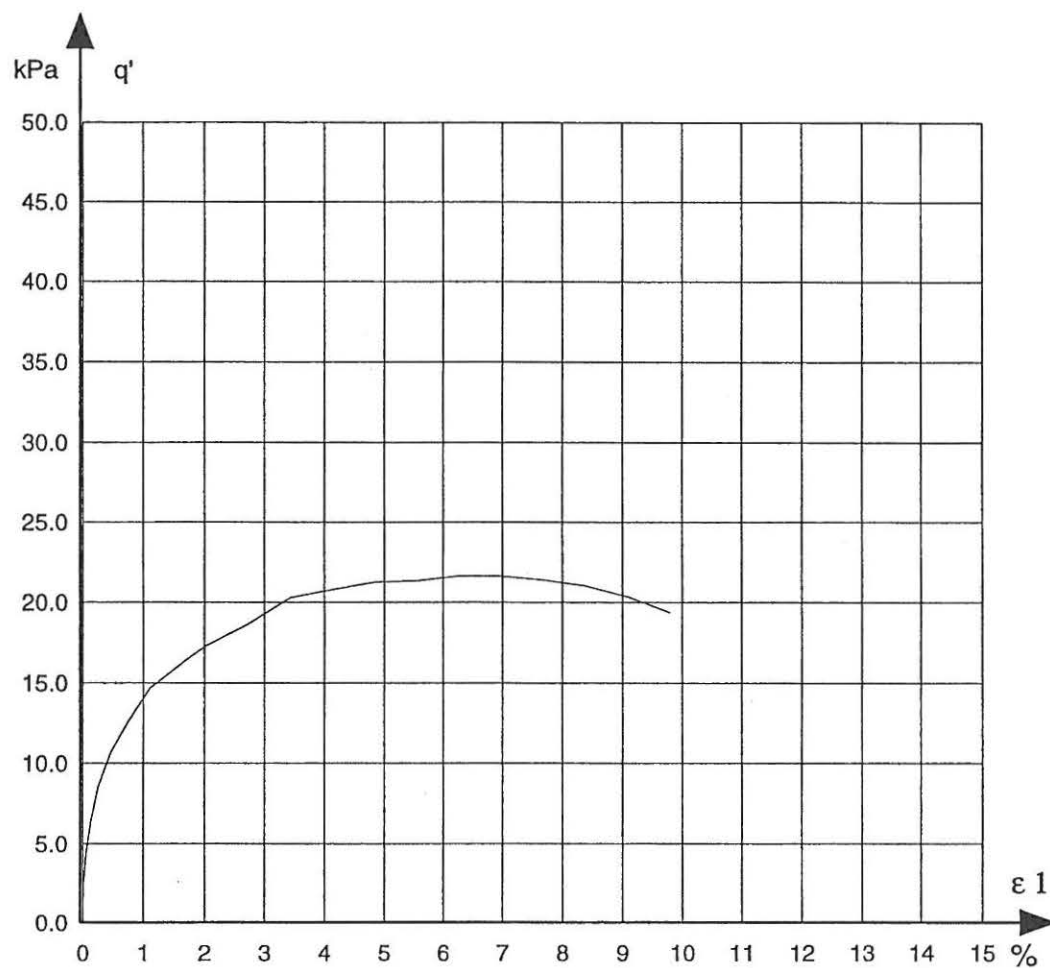
		Values at failure		Values for $\Delta\epsilon_v = 0$	
Deviator stress	q'	21.6	kPa	4.3	kPa
Mean normal stress	p'	9.7	kPa	3.9	kPa
Confining pressures	σ_3	2.5	kPa	2.5	kPa
Vertical strain	ϵ_1	6.96	%	0.05	%
Volumetric strain	ϵ_v	-6.03	%	0.00	%



q'	p'	ϵ_1	ϵ_v
0.00	2.50	0.00	0.00
2.13	3.21	0.01	0.00
4.26	3.92	0.05	0.00
6.39	4.63	0.13	-0.04
8.50	5.33	0.25	-0.07
10.59	6.03	0.46	-0.18
12.65	6.72	0.76	-0.36
14.67	7.39	1.11	-0.61
16.58	8.03	1.75	-1.08
17.33	8.28	2.04	-1.44
18.67	8.72	2.73	-1.98
20.28	9.26	3.43	-2.74
20.78	9.43	4.14	-3.46
21.26	9.59	4.85	-4.19
21.35	9.62	5.55	-4.91
21.62	9.71	6.25	-5.59
21.63	9.71	6.96	-6.03
21.39	9.63	7.66	-6.75
21.03	9.51	8.38	-7.36
20.34	9.28	9.10	-7.87
19.38	8.96	9.80	-8.34

Job: Blokhus sand	Encl. No 47
Exc: HSP	Check: LBI

Remark: No isotropic consolidation.
--

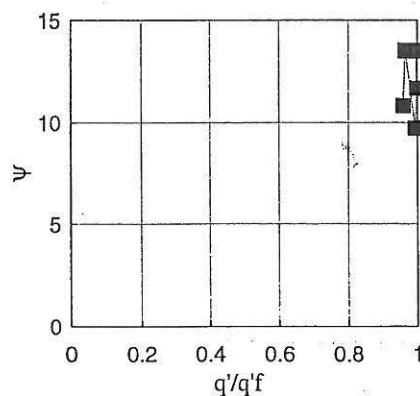
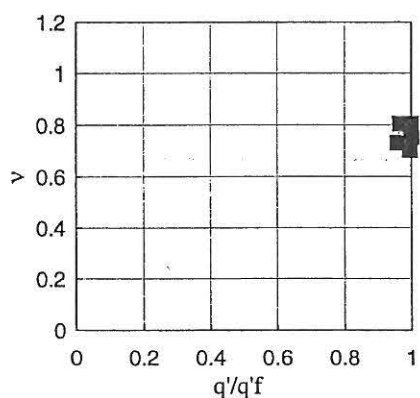


Job:	Encl. No
Blokhuis sand	48
Exc:	Check:
HPS	LBI

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	0.662
Loadtransducer 2004	02.02.79	Saturation	0.627	
		Dimension H mm	0	
		D mm	250	

TEST-PROGRAM CD - Triaxial test. free ends	Drained compression.		
	1. Isotropic compression.	σ_3	6.9-6.4 kPa
		ϵ_1	0 %
		ϵ_v	0 %
	2. Drained compression.	Deformation rate: 5.8 % ph	

		Values at failure	Values for $\Delta \epsilon_v = 0$
Deviator stress	q'		3.70 kPa
Mean normal stress	p'		7.43 kPa
Confining pressures	σ_3		6.40 kPa
Vertical strain	ϵ_1		0.00 %
Volumetric strain	ϵ_v		0.00 %

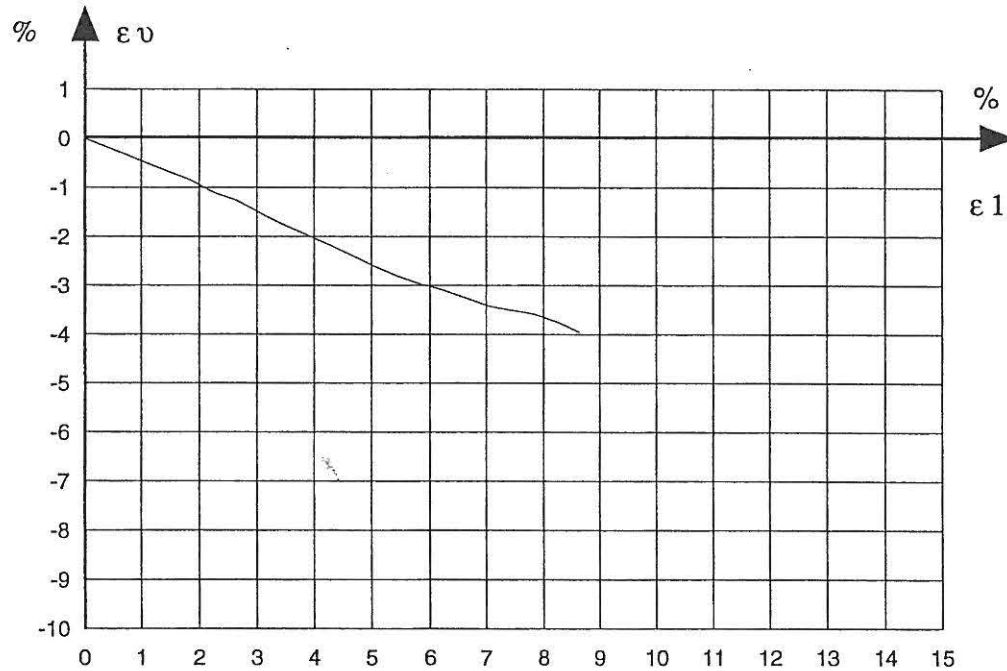
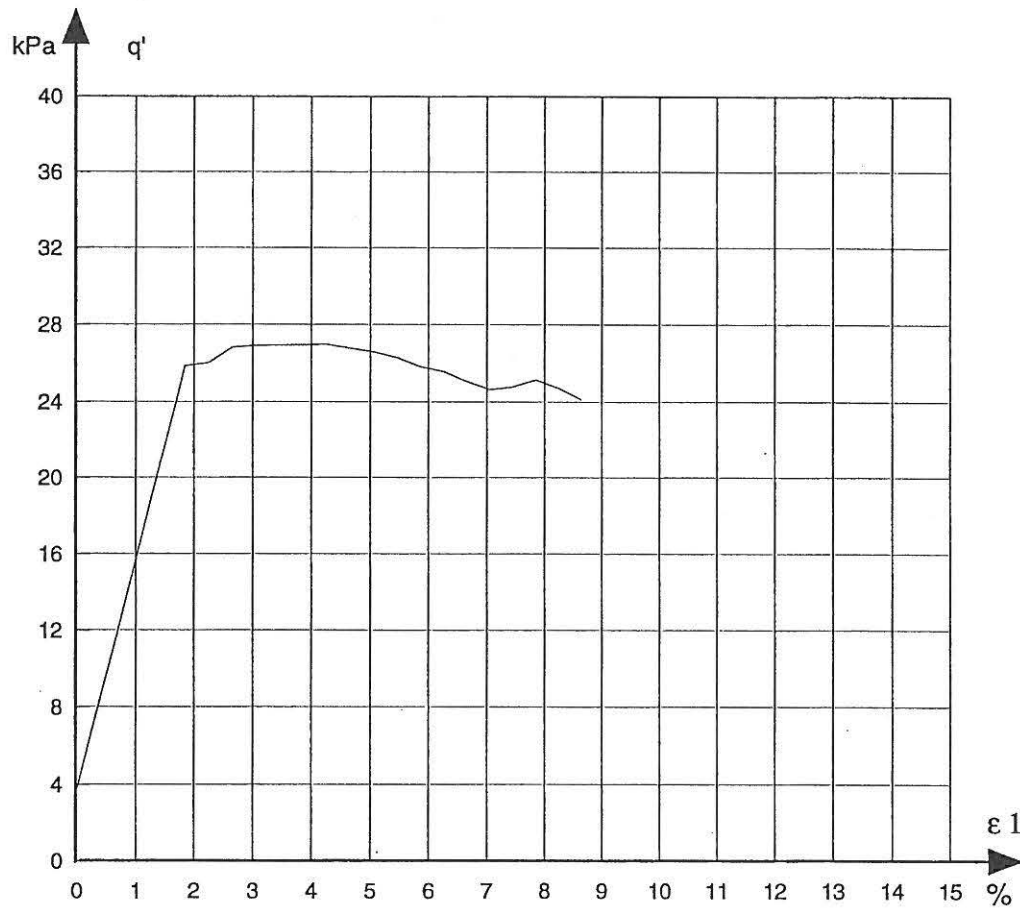


q'	p'	ϵ_1	ϵ_v
3.70	7.43	0.00	0.00
25.85	14.82	1.85	-0.86
26.03	14.88	2.25	-1.10
26.83	15.14	2.65	-1.26
26.92	15.17	3.05	-1.51
26.94	15.18	3.45	-1.75
26.96	15.19	3.85	-1.96
26.98	15.19	4.25	-2.16
26.60	15.07	5.05	-2.61
26.31	14.97	5.45	-2.81
25.85	14.82	5.85	-2.97
25.60	14.73	6.25	-3.10
25.09	14.56	6.65	-3.26
24.66	14.42	7.05	-3.42
24.78	14.56	7.45	-3.50
25.15	14.68	7.85	-3.59
24.72	14.54	8.25	-3.75
24.11	14.34	8.65	-3.95

Job: Blokhus sand	Encl. No 49
Exc: CSS	Check: LB

Remark:

The specimen slipped out before failure.

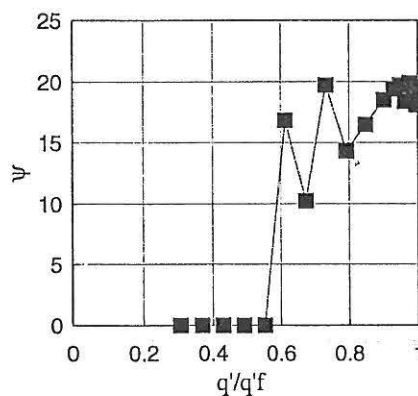
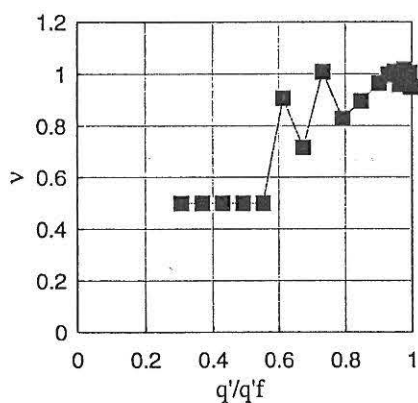


Job:	Encl. No
Blokhuis sand	50
Exc:	Check:
CSS	LB

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	0.596
Loadtransducer		Saturation	0.522	
2004	13.02.79	Dimension H mm	0	
		D mm	250	
			250	

TEST-PROGRAM	Drained compression.		
CD - Triaxial test. free ends	1. Isotropic-compression.	σ_3	6.2 kPa
		ϵ_1	0 %
		ϵ_v	0 %
	2. Drained compression.		
	Deformation rate:		5.7 % ph

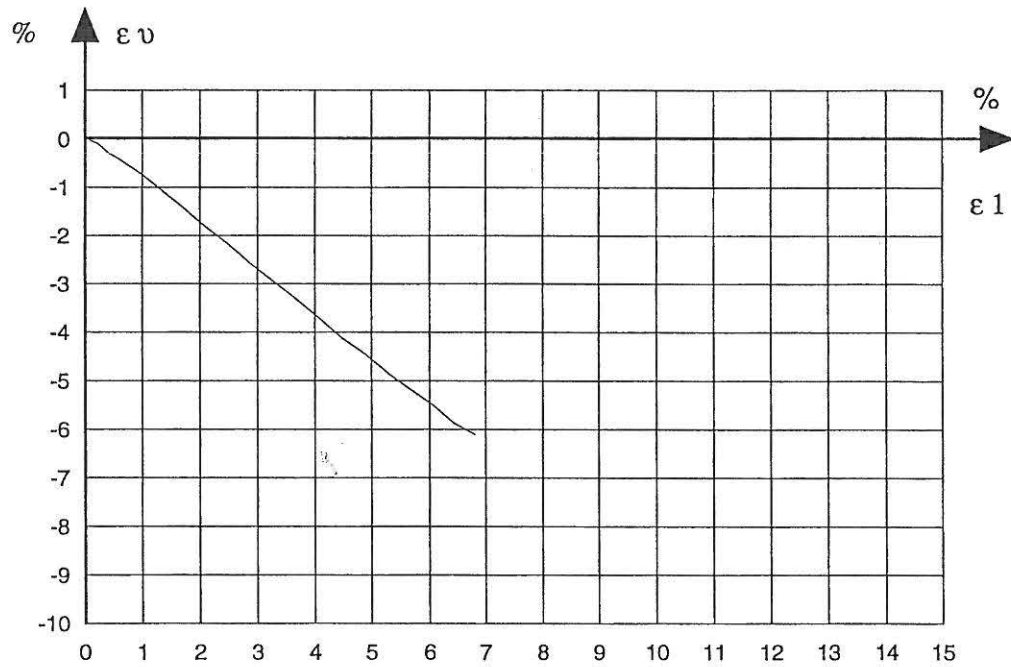
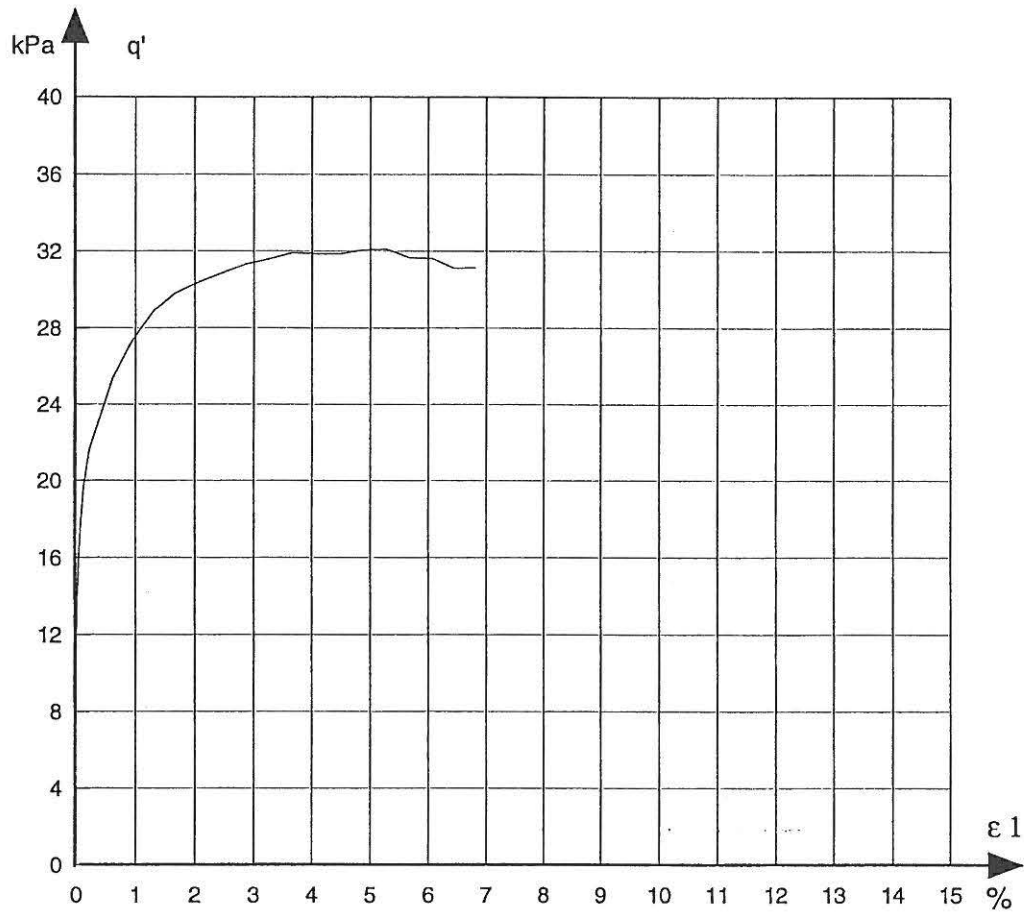
		Values at failure	Values for $\Delta \epsilon_v = 0$
Deviator stress	q'	32.10 kPa	4.00 kPa
Mean normal stress	p'	17.20 kPa	7.53 kPa
Confining pressures	σ_3	6.50 kPa	6.20 kPa
Vertical strain	ϵ_1	5.29 %	0.00 %
Volumetric strain	ϵ_v	-4.85 %	0.00 %



q'	p'	ϵ_1	ϵ_v
4.00	7.53	0.00	0.00
5.86	8.15	0.00	0.00
7.84	8.81	0.00	0.00
9.82	9.47	0.00	0.00
11.79	10.13	0.01	0.00
13.77	10.79	0.02	0.00
15.74	11.45	0.04	0.00
17.72	12.11	0.07	0.00
19.67	12.76	0.12	-0.04
21.62	13.41	0.22	-0.08
23.50	14.03	0.42	-0.29
25.38	14.66	0.60	-0.41
27.19	15.26	0.91	-0.65
28.92	15.84	1.30	-1.02
29.82	16.24	1.67	-1.39
30.41	16.44	2.07	-1.79
30.86	16.59	2.47	-2.16
31.33	16.74	2.86	-2.57
31.61	16.94	3.26	-2.93
31.92	17.04	3.67	-3.30
31.87	17.02	4.48	-4.12
32.10	17.20	5.29	-4.85
31.64	16.95	6.06	-5.50
31.13	16.88	6.82	-6.11

Job:	Encl. No
Blokhus sand	51
Exc:	Check:
HSP	LB

Remark:

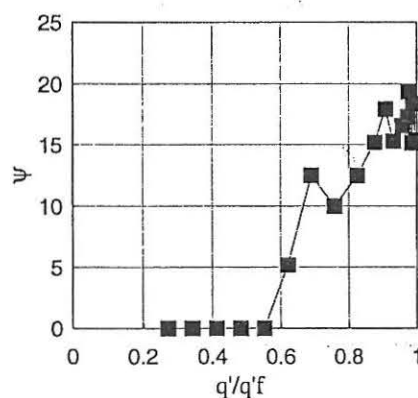
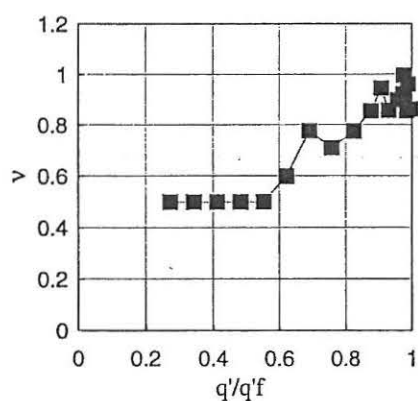


Job:	Encl. No
Blokhuis sand	52
Exc:	Check:
HSP	LB

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	
Loadtransducer 2004	05.03.79	Saturation	0.55	0.605
		Dimension H mm	0	
		D mm	250	

TEST-PROGRAM	Drained compression.		
CD - Triaxial test. free ends	1. Isotropic-compression.	σ_3	6.2 kPa
		ϵ_1	0 %
		ϵ_v	0 %
	2. Drained compression.		
	Deformation rate:		5.6 % ph

		Values at failure		Values for $\Delta\epsilon_v = 0$	
Deviator stress	q'	28.23	kPa	15.57	kPa
Mean normal stress	p'	15.71	kPa	11.39	kPa
Confining pressures	σ_3	6.20	kPa	6.20	kPa
Vertical strain	ϵ_1	4.80	%	0.14	%
Volumetric strain	ϵ_v	-3.54	%	0.00	%

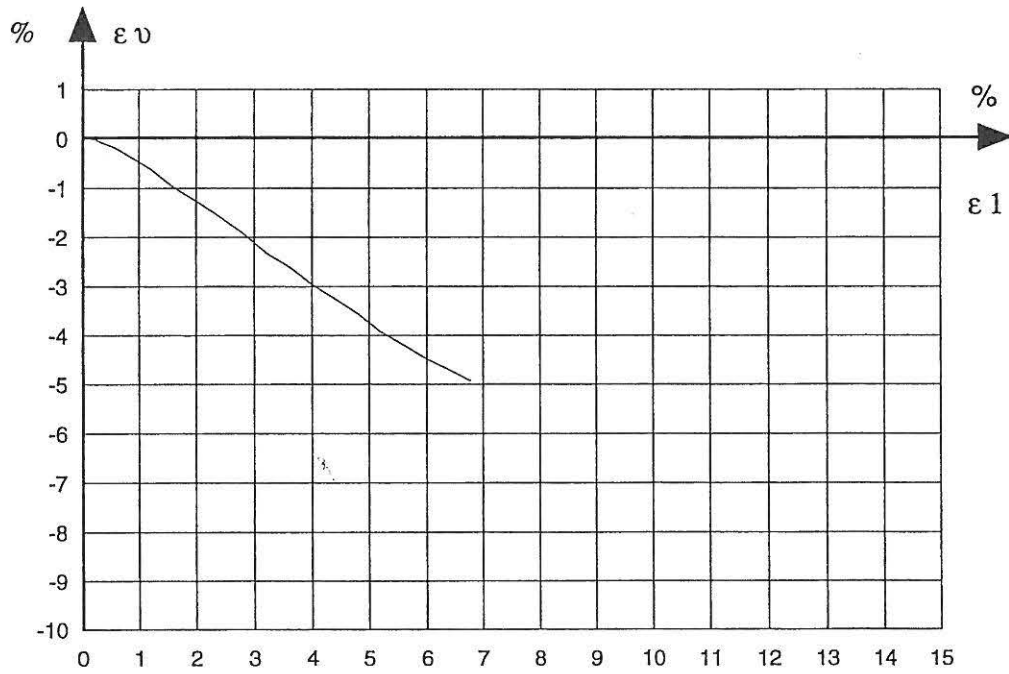
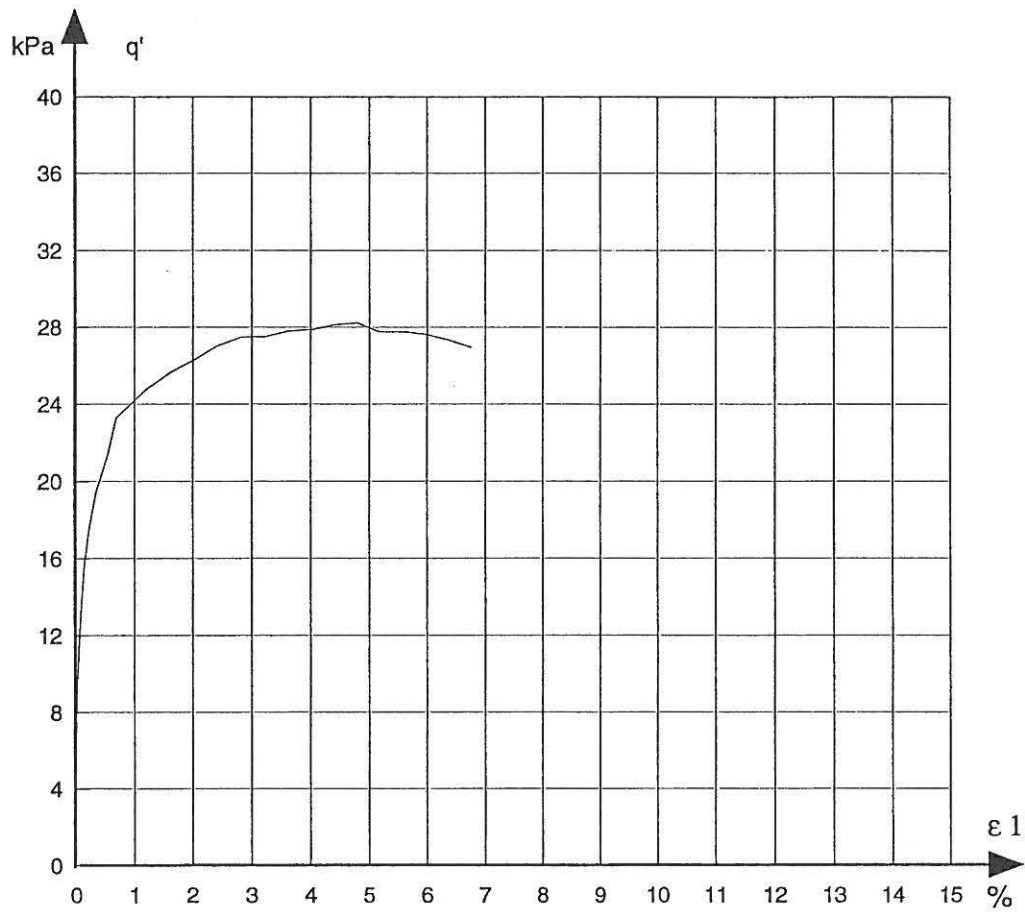


q'	p'	ϵ_1	ϵ_v
3.80	7.47	0.00	0.00
5.70	8.10	0.00	0.00
7.68	8.76	0.01	0.00
9.65	9.42	0.03	0.00
11.63	10.08	0.05	0.00
13.60	10.73	0.09	0.00
15.57	11.39	0.14	0.00
17.53	12.04	0.22	-0.02
19.46	12.69	0.34	-0.08
21.37	13.32	0.53	-0.16
23.28	13.96	0.68	-0.24
24.75	14.45	1.20	-0.61
25.64	14.75	1.61	-0.98
26.26	14.95	2.01	-1.26
27.02	15.31	2.42	-1.59
27.49	15.46	2.83	-1.94
27.51	15.47	3.22	-2.32
27.80	15.57	3.62	-2.61
27.88	15.59	4.02	-2.97
28.13	15.68	4.41	-3.26
28.23	15.71	4.80	-3.54
27.76	15.55	5.18	-3.91
27.63	15.51	5.98	-4.47
26.96	15.29	6.77	-4.93

Job:	Encl. No
Blokhus sand	53
Exc:	Check:
HSP	LB

Remark:

The specimen slipped out after failure.

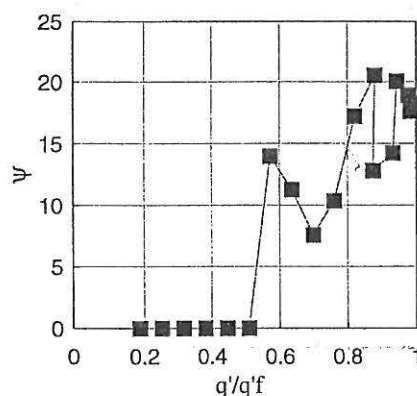
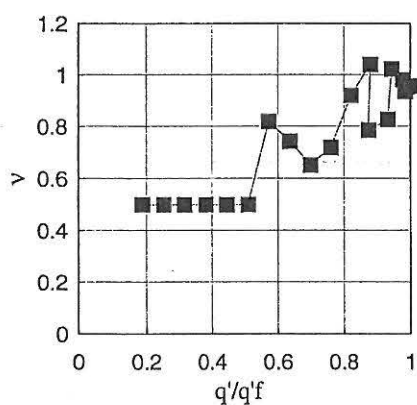


Job:	Blokhuis sand	Encl. No	54
Exc:	HSP	Check:	LB

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	
		Saturation	0.537	0.582
Loadtransducer		Dimension H mm	0	
2004	07.03.79	D mm	250	
			250	

TEST-PROGRAM	Drained compression.		
CD - Triaxial test. free ends	1. Isotropic compression.	σ_3	6.5 kPa
		ε_1	0 %
		ε_v	0 %
	2. Drained compression.		
	Deformation rate:		4.9 % ph

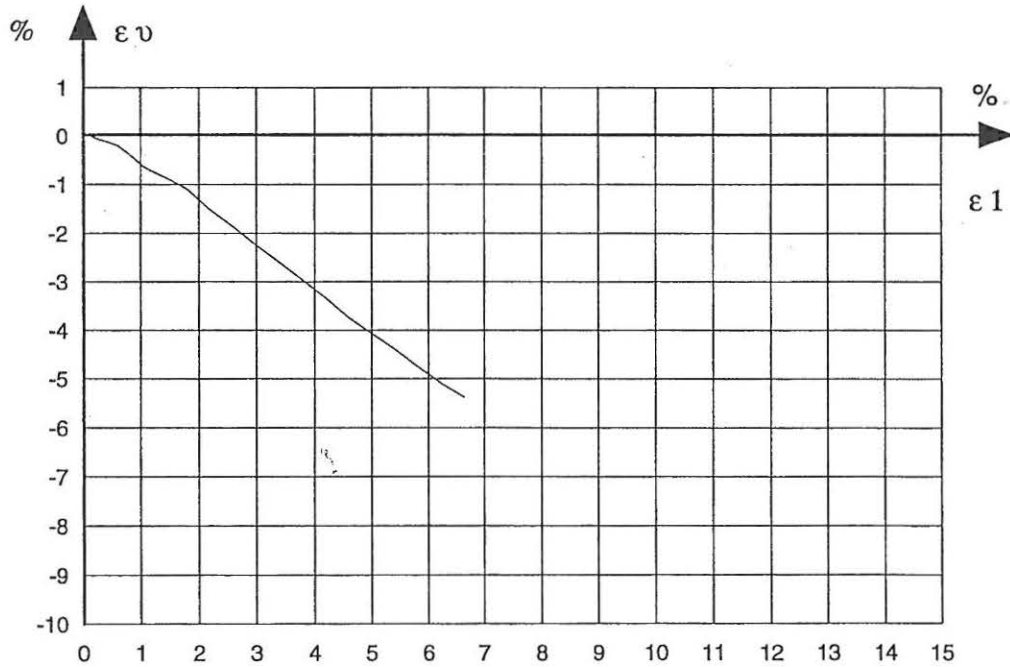
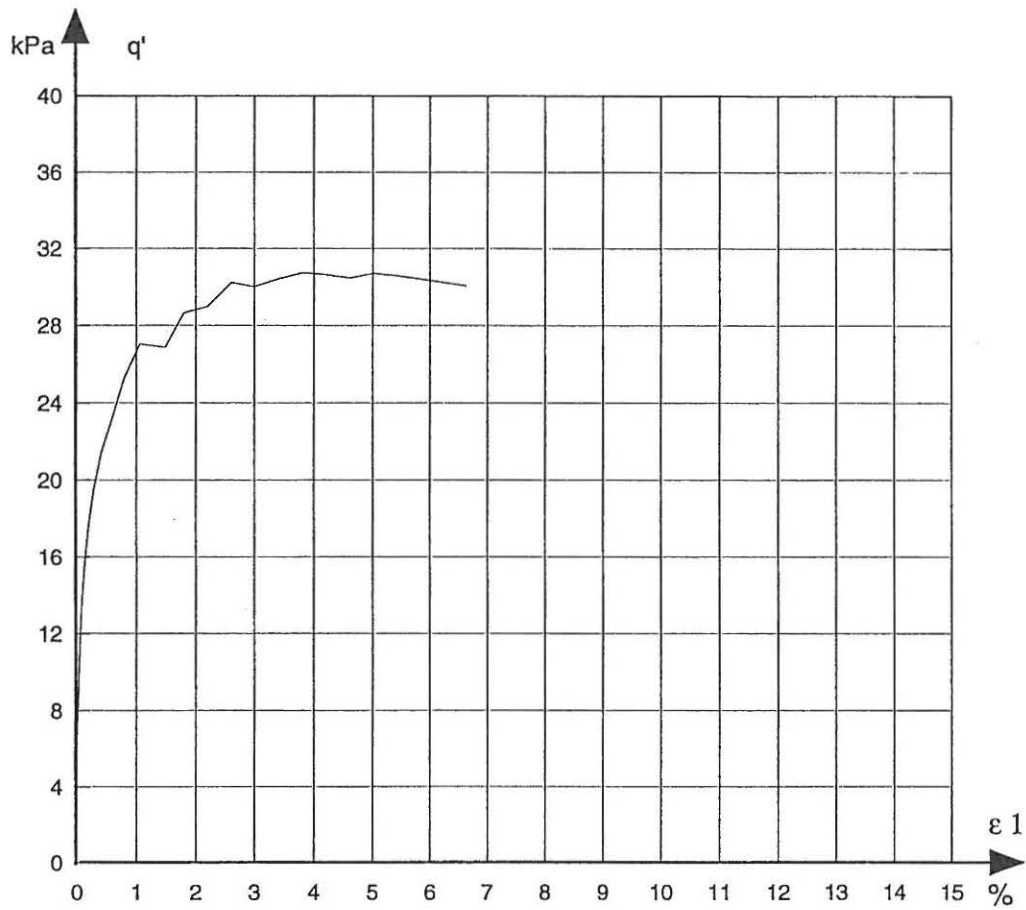
		Values at failure		Values for $\Delta\varepsilon_v = 0$	
Deviator stress	q'	30.73	kPa	15.63	kPa
Mean normal stress	p'	16.94	kPa	11.71	kPa
Confining pressures	σ_3	6.70	kPa	6.50	kPa
Vertical strain	ε_1	3.80	%	0.13	%
Volumetric strain	ε_v	-2.97	%	0.00	%



q'	p'	ε_1	ε_v
3.90	7.80	0.00	0.00
5.76	8.42	0.01	0.00
7.74	9.08	0.02	0.00
9.71	9.74	0.04	0.00
11.69	10.40	0.06	0.00
13.66	11.05	0.09	0.00
15.63	11.71	0.13	0.00
17.59	12.36	0.20	-0.04
19.53	13.01	0.28	-0.08
21.47	13.66	0.42	-0.12
23.37	14.29	0.60	-0.20
25.24	14.91	0.80	-0.37
27.05	15.52	1.06	-0.65
26.87	15.46	1.49	-0.90
28.65	16.05	1.80	-1.10
28.99	16.16	2.19	-1.51
30.24	16.68	2.61	-1.87
30.01	16.60	2.99	-2.24
30.41	16.74	3.40	-2.61
30.73	16.94	3.80	-2.97
30.64	16.91	4.20	-3.34
30.71	16.86	4.61	-3.75
30.42	17.00	5.42	-4.40
30.06	16.88	6.24	-5.09

Job:	Encl. No
Blokhus sand	55
Exc:	Check:
HSP	LB

Remark:

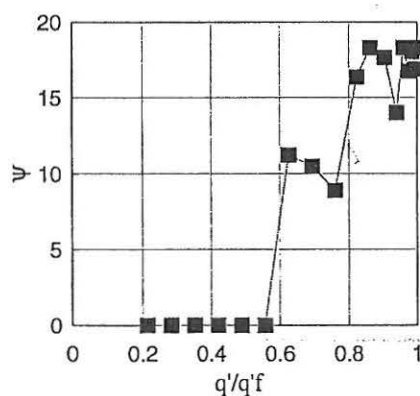
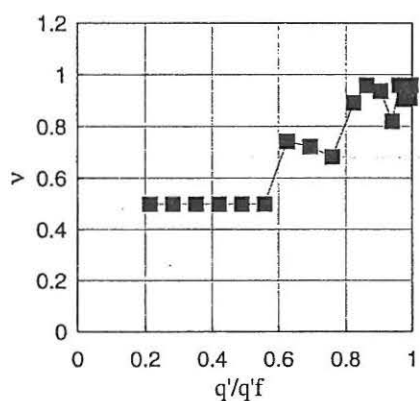


Job:	Encl. No
Blokhuis sand	56
Exc:	Check:
HSP	LB

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	
Loadtransducer 2004	14.03.79	Saturation	0.535	0.594
		Dimension H mm	0	
		D mm	250	

TEST-PROGRAM CD - Triaxial test. free ends	Drained compression.		
	1. Isotropic compression.	σ_3	6.3 kPa
		ϵ_1	0 %
		ϵ_v	0 %
2. Drained compression.			
Deformation rate:			5.3 % ph

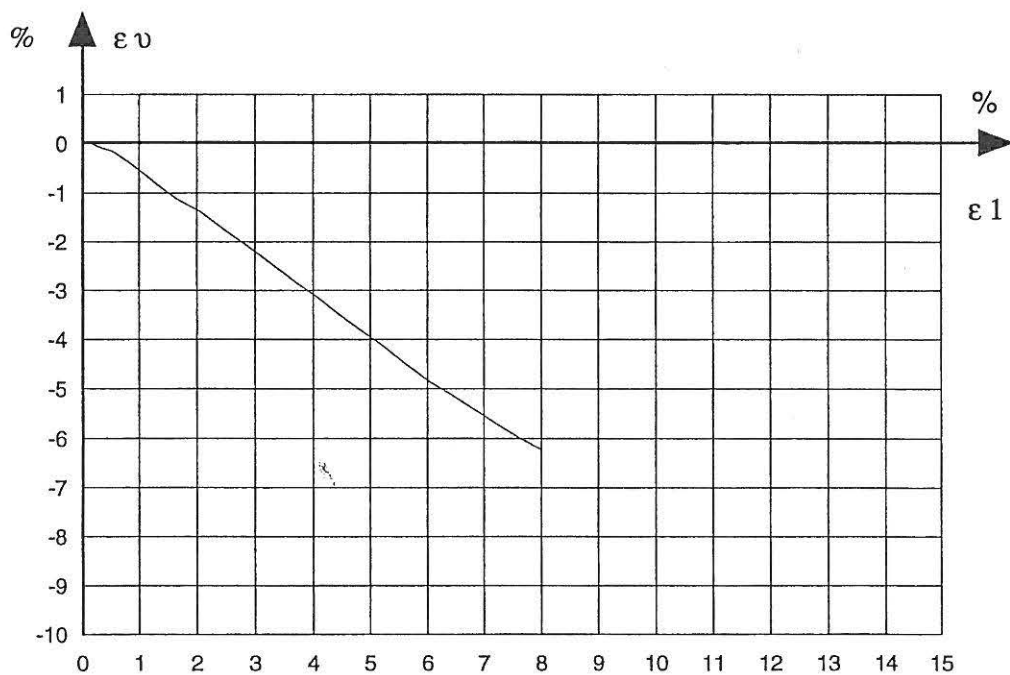
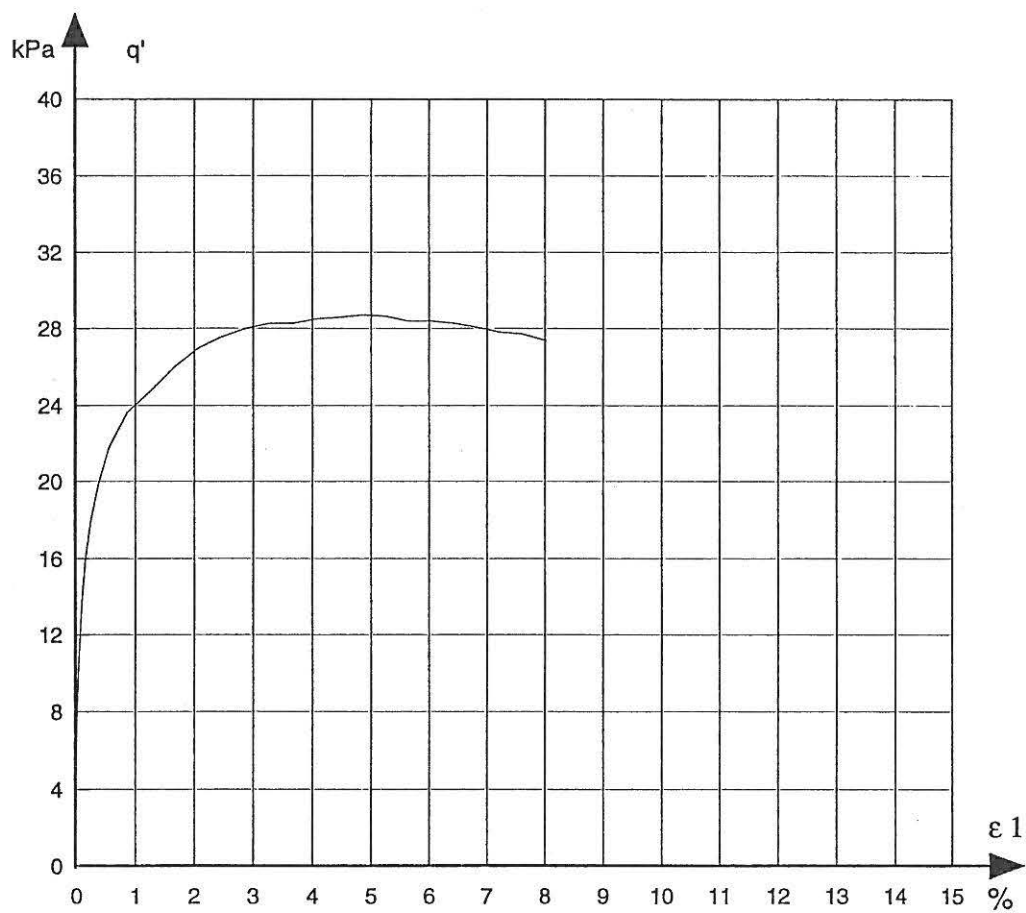
		Values at failure		Values for $\Delta \epsilon_v = 0$	
Deviator stress	q'	28.70	kPa	15.99	kPa
Mean normal stress	p'	16.07	kPa	11.63	kPa
Confining pressures	σ_3	6.50	kPa	6.50	kPa
Vertical strain	ϵ_1	4.86	%	0.15	%
Volumetric strain	ϵ_v	-3.83	%	0.00	%



q'	p'	ϵ_1	ϵ_v
3.90	7.60	0.00	0.00
6.12	8.34	0.00	0.00
8.10	9.00	0.02	0.00
10.07	9.66	0.04	0.00
12.05	10.32	0.07	0.00
14.02	10.97	0.10	0.00
15.99	11.63	0.15	0.00
17.94	12.28	0.24	-0.04
19.87	12.92	0.37	-0.10
21.79	13.56	0.54	-0.16
23.62	14.17	0.86	-0.41
24.76	14.55	1.26	-0.77
25.96	14.95	1.66	-1.12
26.97	15.29	2.07	-1.39
27.56	15.59	2.47	-1.75
28.00	15.73	2.87	-2.08
28.27	15.82	3.27	-2.44
28.27	15.82	3.68	-2.81
28.50	16.00	4.08	-3.14
28.58	16.03	4.48	-3.50
28.70	16.07	4.86	-3.83
28.38	16.04	5.26	-4.16
28.26	15.96	6.03	-4.85
27.80	15.95	6.84	-5.42

Job:	Encl. No
Blokhus sand	57
Exc:	Check:
HSP	LB

Remark:

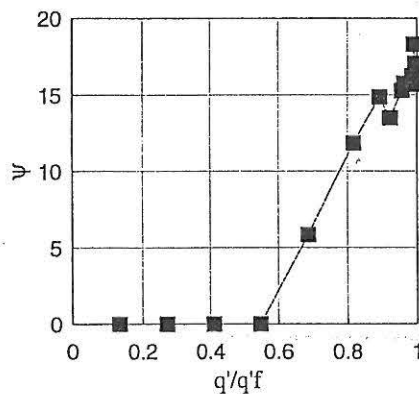
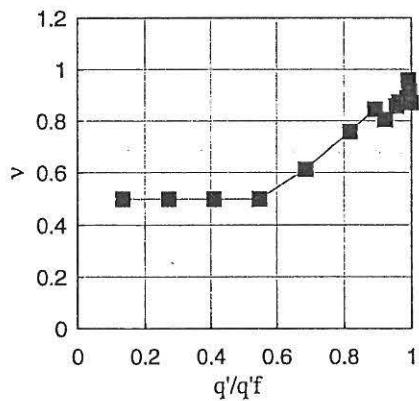


Job:	Blokhuis sand	Encl. No	58
Exc:	HSP	Check:	LB

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	
		Saturation	0.545	0.596
Loadtransducer		Dimension H mm	0	
10001	09.04.79	D mm	250	
			250	

TEST-PROGRAM	Drained compression.		
CD - Triaxial test. free ends	1. Isotropic compression.	σ_3	6.7-18.8 kPa
		ϵ_1	0.01 %
		ϵ_v	0.04 %
	2. Drained compression.		
	Deformation rate:		5 % ph

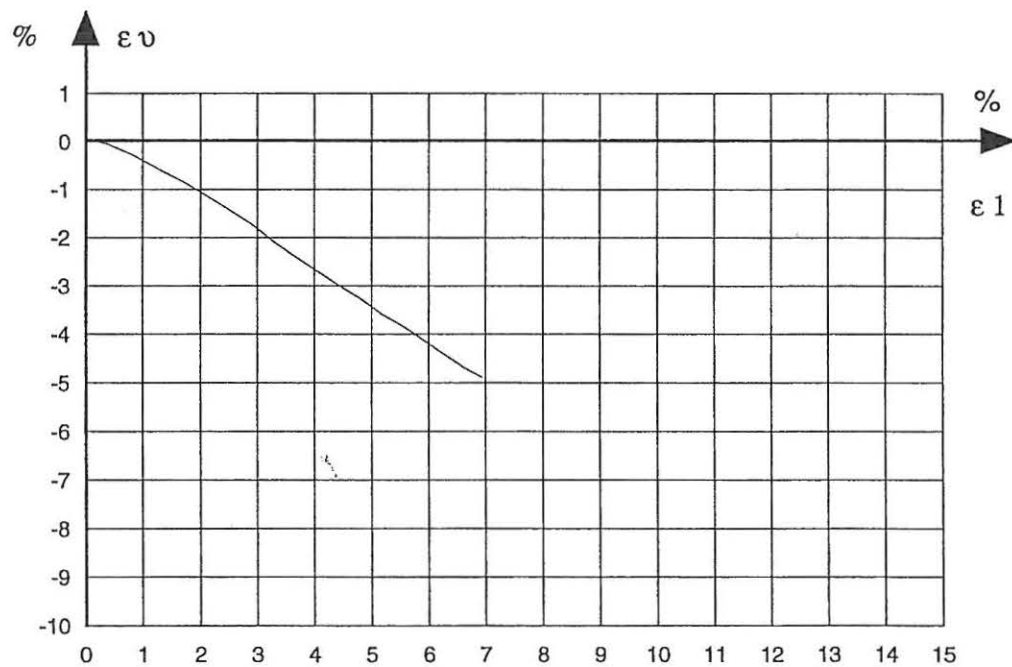
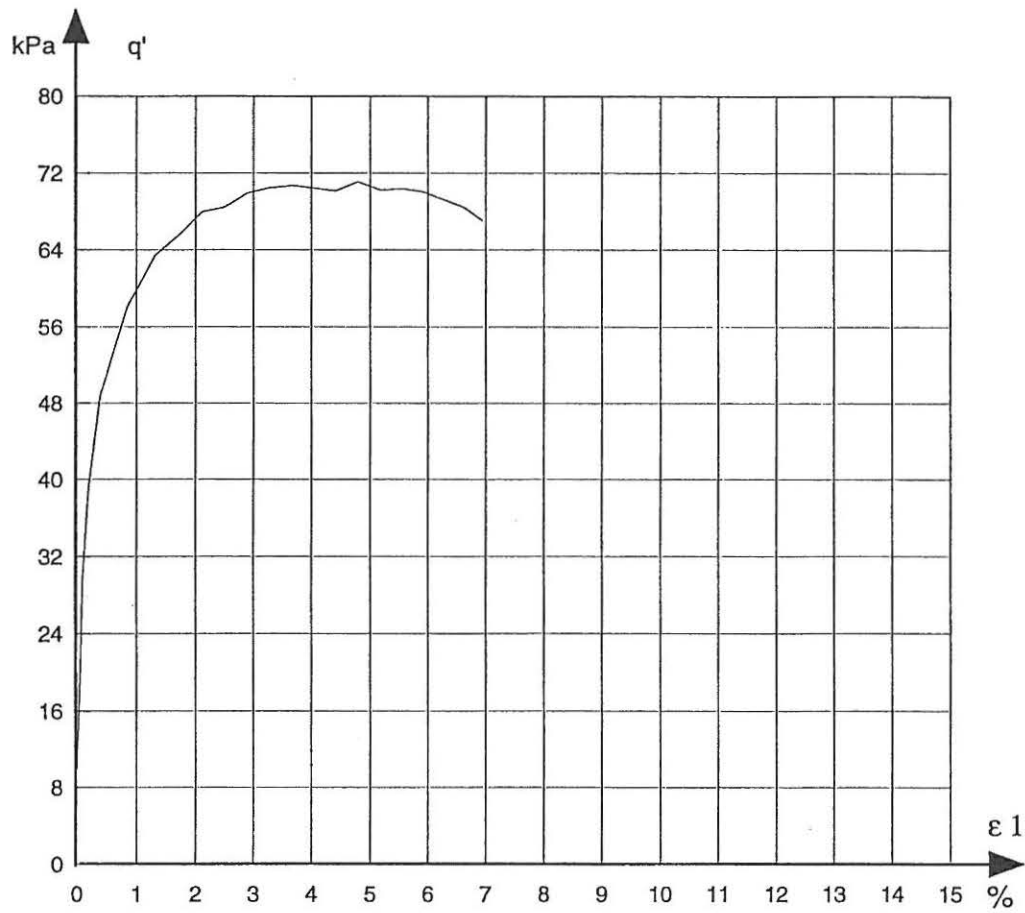
		Values at failure		Values for $\Delta \epsilon_v = 0$	
Deviator stress	q'	71.14	kPa	38.99	kPa
Mean normal stress	p'	42.51	kPa	31.80	kPa
Confining pressures	σ_3	18.80	kPa	18.80	kPa
Vertical strain	ϵ_1	4.79	%	0.20	%
Volumetric strain	ϵ_v	-3.26	%	0.00	%



q'	p'	ϵ_1	ϵ_v
3.90	20.10	0.00	0.00
9.47	21.96	0.01	0.00
19.32	25.24	0.06	0.00
29.17	28.52	0.10	0.00
38.99	31.80	0.20	0.00
48.73	35.04	0.38	-0.04
58.14	38.18	0.85	-0.29
63.48	39.96	1.32	-0.61
65.57	40.66	1.72	-0.86
67.99	41.46	2.12	-1.14
68.48	41.63	2.50	-1.43
69.91	42.10	2.88	-1.71
70.49	42.30	3.28	-2.08
70.72	42.37	3.68	-2.40
70.44	42.28	4.04	-2.69
70.16	42.19	4.41	-2.97
71.14	42.51	4.79	-3.26
70.27	42.22	5.18	-3.59
70.37	42.26	5.55	-3.83
70.09	42.16	5.90	-4.12
69.28	41.89	6.26	-4.40
68.47	41.62	6.62	-4.69
67.05	41.15	6.95	-4.89

Job:	Encl. No
Blokhus sand	59
Exc:	Check:
HSP	FRJ

Remark:

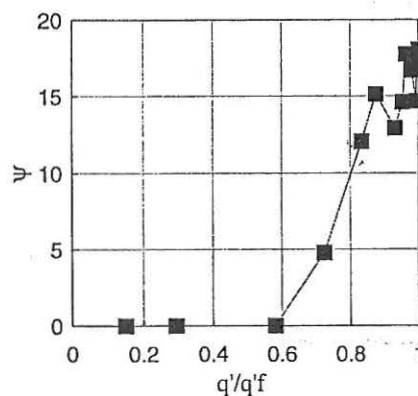
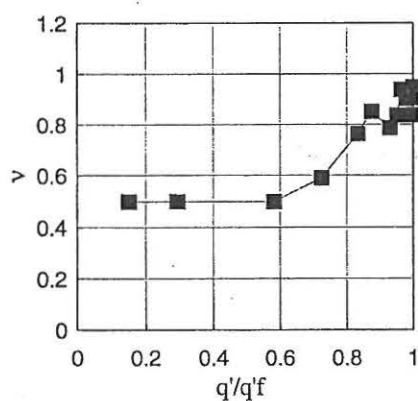


Job:	Blokhuis sand	Encl. No	60
Exc:	HSP	Check:	FRJ

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	2.65	
Calibration file	Date	Void ratio	0.541	0.589
Loadtransducer 10001	11.04.79	Saturation	0	
		Dimension H mm	250	
		D mm	250	

TEST-PROGRAM CD - Triaxial test. free ends	Drained compression.		
	1. Isotropic-compression.	σ_3	6.0-20.0 kPa
		ϵ_1	0.01 %
		ϵ_v	0 %
	2. Drained compression.	Deformation rate: 5.3 % ph	

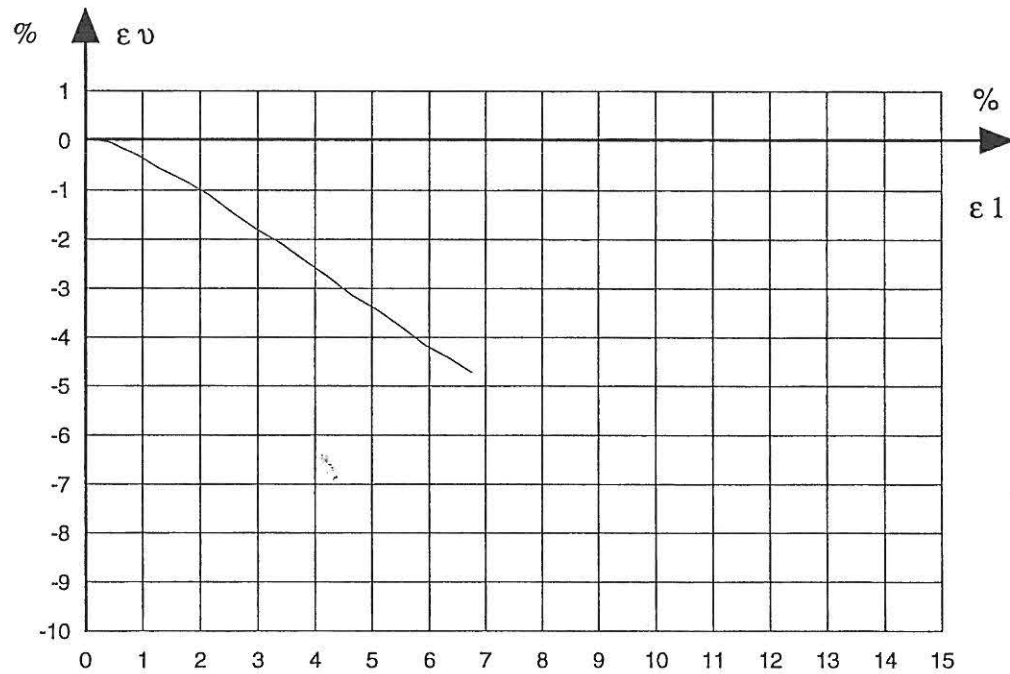
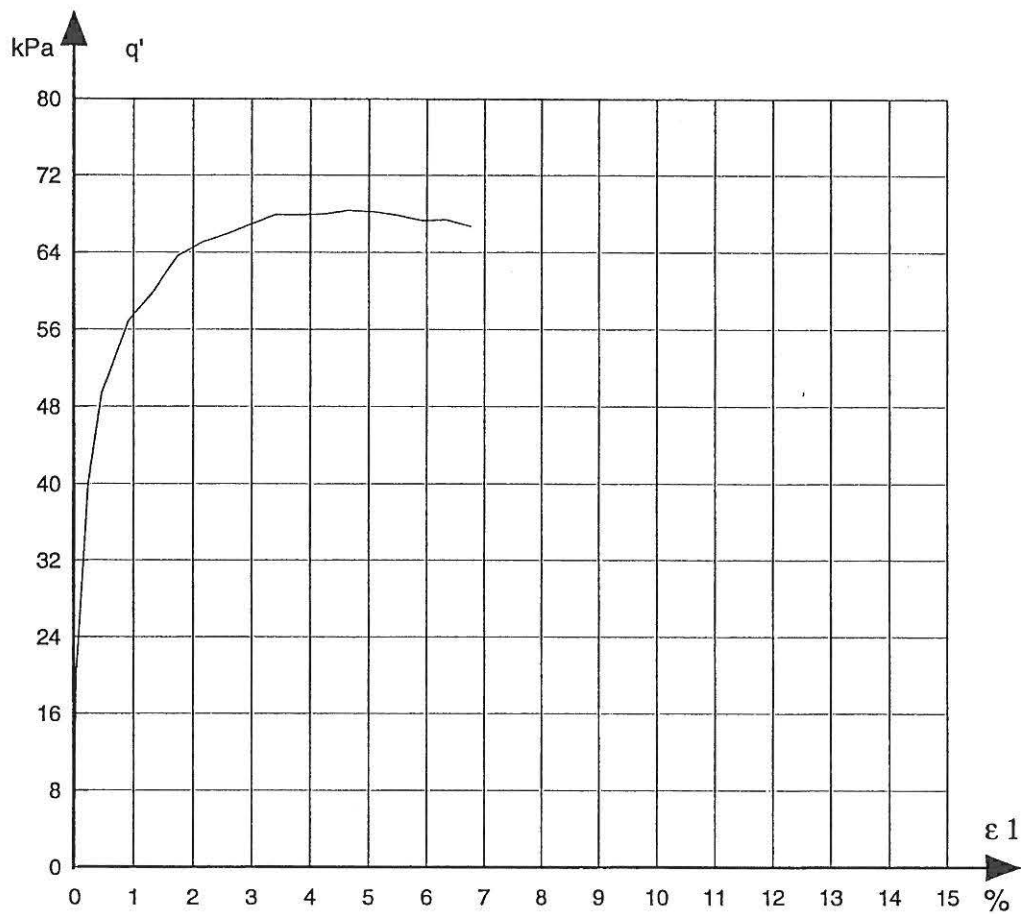
		Values at failure		Values for $\Delta \epsilon_v = 0$	
Deviator stress	q'	68.38	kPa	39.73	kPa
Mean normal stress	p'	41.59	kPa	32.04	kPa
Confining pressures	σ_3	18.80	kPa	18.80	kPa
Vertical strain	ϵ_1	4.65	%	0.22	%
Volumetric strain	ϵ_v	-3.14	%	0.00	%



q'	p'	ϵ_1	ϵ_v
3.90	20.10	0.00	0.00
10.21	22.20	0.01	0.00
20.08	25.49	0.03	0.00
39.73	32.04	0.22	0.00
49.45	35.28	0.45	-0.04
56.90	37.77	0.91	-0.29
59.80	38.73	1.31	-0.57
63.63	40.01	1.74	-0.81
65.08	40.49	2.16	-1.10
65.90	40.77	2.58	-1.47
66.92	41.11	2.98	-1.79
67.94	41.45	3.40	-2.08
67.95	41.45	3.84	-2.44
68.00	41.47	4.24	-2.77
68.38	41.59	4.65	-3.14
68.25	41.55	5.07	-3.42
67.87	41.42	5.51	-3.79
67.34	41.25	5.92	-4.16
67.42	41.27	6.33	-4.40
66.72	41.04	6.77	-4.73

Job:	Encl. No
Blokhus sand	61
Exc:	Check:
HSP	LB

Remark:

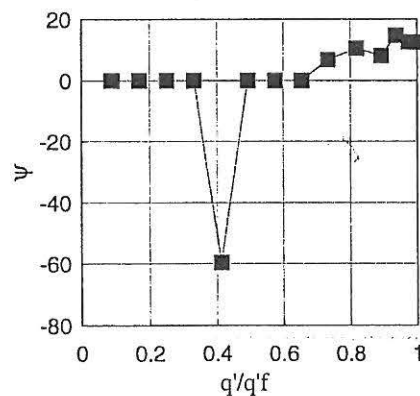
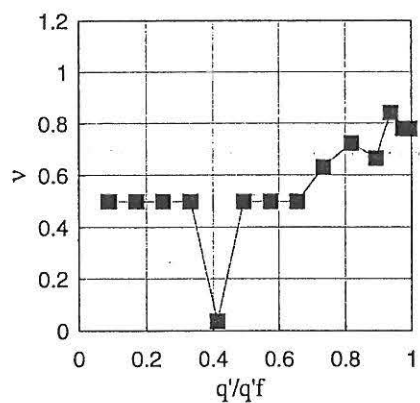


Job:	Blokhuis sand	Encl. No	62
Exc:	HSP	Check:	LB

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	
Loadtransducer 10001	17.04.79	Saturation	0.555	
		Dimension H mm	0	
		D mm	250	

TEST-PROGRAM CD - Triaxial test. free ends	Drained compression.		
	1. Isotropic compression.	σ_3	7.0-38.8 kPa
		ϵ_1	0.03 %
		ϵ_v	0.08 %
	2. Drained compression.	Deformation rate: 4.3 % ph	

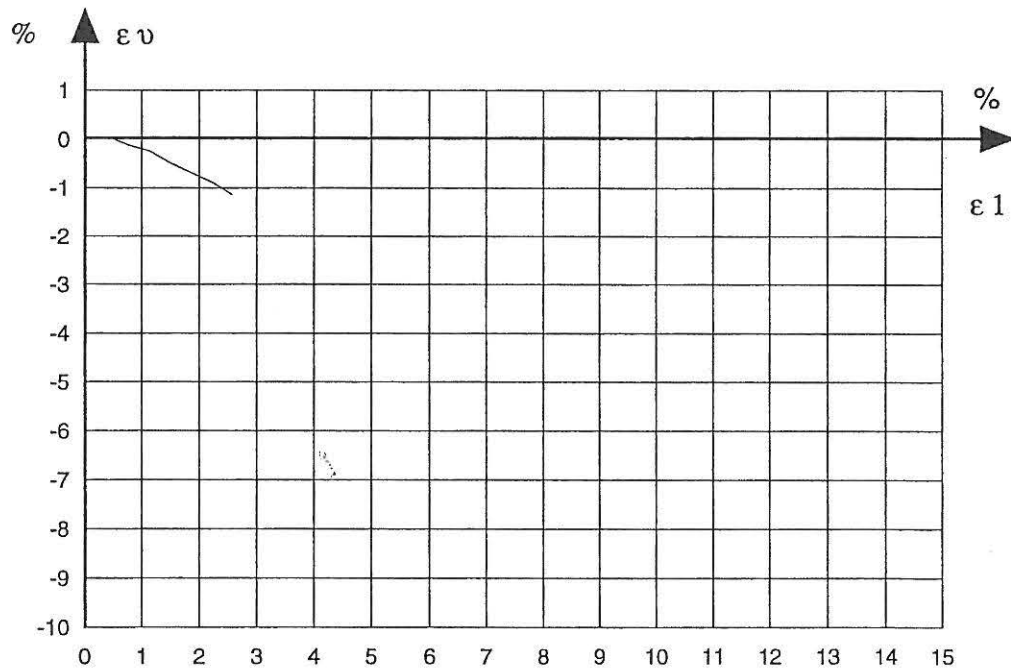
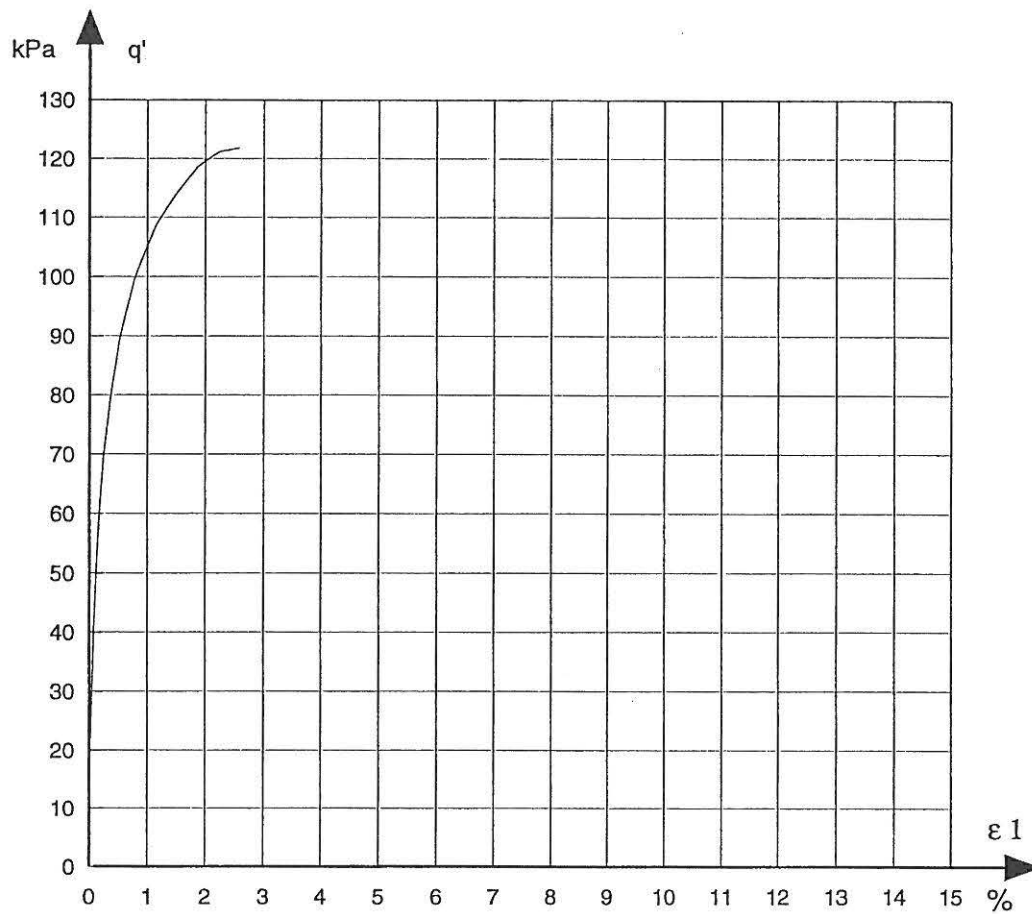
	Values at failure	Values for $\Delta \epsilon_v = 0$
Deviator stress q'		79.64 kPa
Mean normal stress p'		65.35 kPa
Confining pressures σ_3		38.80 kPa
Vertical strain ϵ_1		0.35 %
Volumetric strain ϵ_v		0.04 %



q'	p'	ϵ_1	ϵ_v
3.90	40.10	0.00	0.00
10.81	42.40	0.01	0.00
20.67	45.69	0.02	0.00
30.53	48.98	0.05	0.00
40.38	52.26	0.07	0.00
50.24	55.55	0.12	0.04
60.07	58.82	0.17	0.04
69.88	62.09	0.24	0.04
79.64	65.35	0.35	0.04
89.30	68.57	0.50	0.00
99.71	72.04	0.78	-0.12
108.75	75.05	1.15	-0.24
114.09	76.83	1.50	-0.49
118.63	78.34	1.87	-0.69
121.20	79.20	2.23	-0.90
121.81	79.40	2.58	-1.14

Job: Blokhus sand	Encl. No 63
Exc: HSP	Check: LB

Remark:
The specimen slipped out before failure.

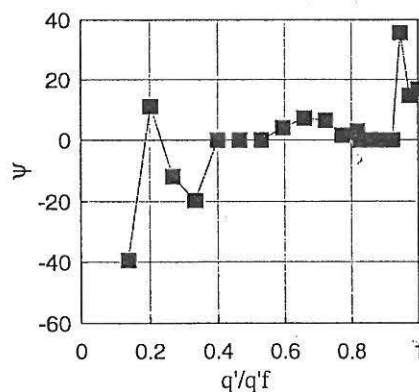
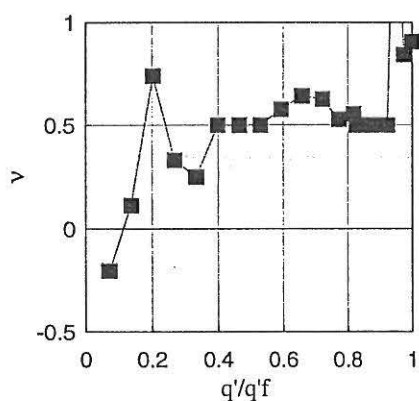


Job:	Encl. No
Blokhuis sand	64
Exc:	Check:
HSP	LB

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	
Loadtransducer 10001	20.04.79	Saturation	0.545	
		Dimension H mm	0	
		D mm	250	

TEST-PROGRAM CD - Triaxial test. free ends	Drained compression.		
	1. Isotropic-compression.	σ_3	7.8-38.8 kPa
		ϵ_1	0.03 %
		ϵ_v	0.20 %
	2. Drained compression.	Deformation rate: % ph	

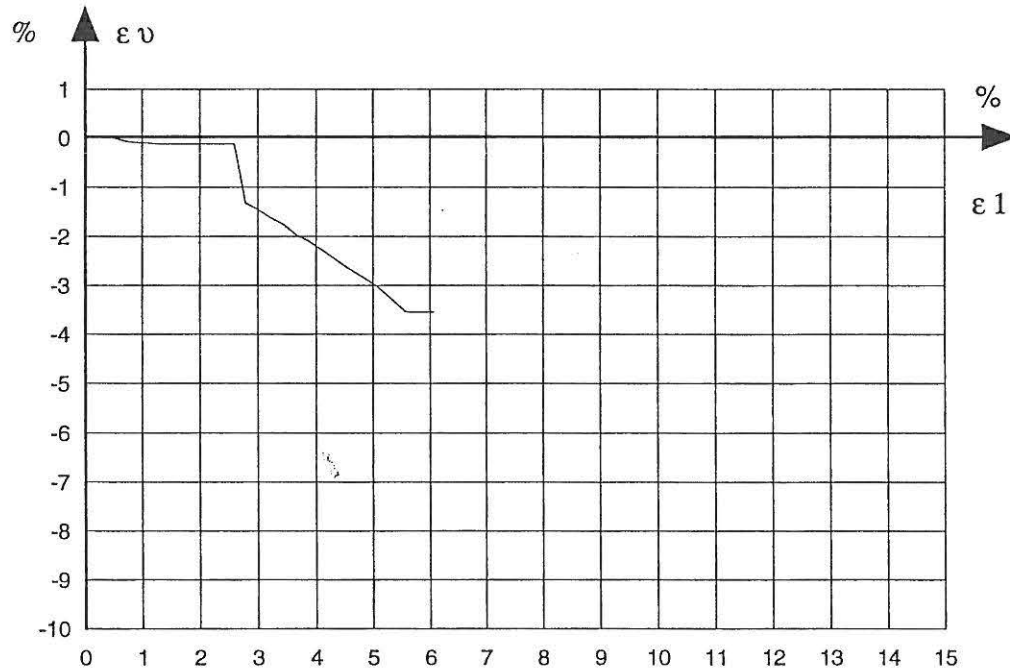
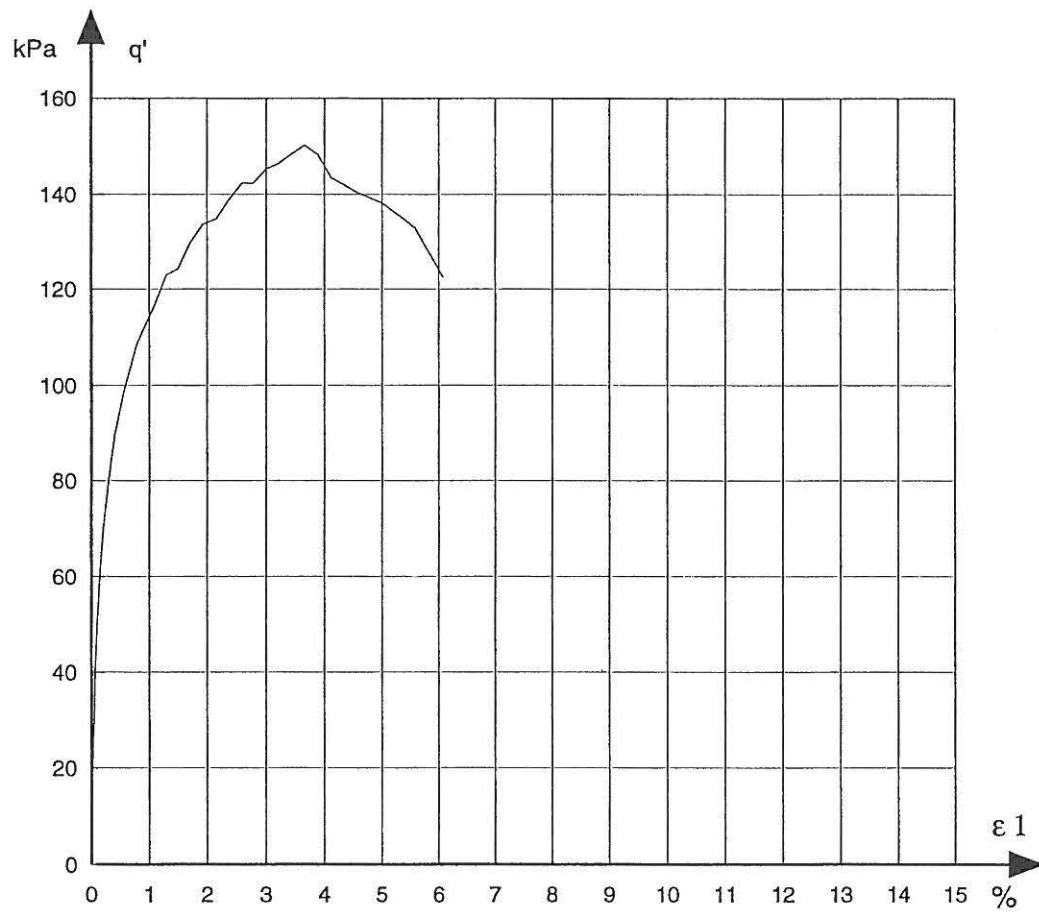
		Values at failure		Values for $\Delta \epsilon_v = 0$	
Deviator stress	q'	150.26	kPa	79.49	kPa
Mean normal stress	p'	93.09	kPa	65.30	kPa
Confining pressures	σ_3	43.00	kPa	38.80	kPa
Vertical strain	ϵ_1	3.65	%	0.28	%
Volumetric strain	ϵ_v	-1.97	%	0.04	%



q'	p'	ϵ_1	ϵ_v
3.90	40.10	0.00	0.00
10.61	42.34	0.01	0.01
20.48	45.63	0.03	0.02
30.34	48.91	0.04	0.02
40.20	52.20	0.07	0.02
50.05	55.48	0.10	0.04
59.89	58.76	0.14	0.04
69.71	62.04	0.20	0.04
79.49	65.30	0.28	0.04
89.23	68.54	0.39	0.02
98.84	71.75	0.56	-0.02
108.35	74.92	0.78	-0.08
116.02	77.47	1.07	-0.10
122.93	79.78	1.29	-0.12
124.22	80.21	1.50	-0.12
129.78	82.06	1.70	-0.12
133.74	83.38	1.92	-0.12
138.72	85.04	2.36	-0.12
142.36	86.25	2.79	-1.32
146.41	87.60	3.21	-1.61
150.26	93.09	3.65	-1.97
143.53	90.84	4.11	-2.28
138.11	89.04	5.02	-2.98
122.42	83.81	6.07	-3.54

Job: Blokhus sand	Encl. No 65
Exc:	Check:
HSP, CSS, MJ	FRJ

Remark:
Error during measuring the volumetric strain.

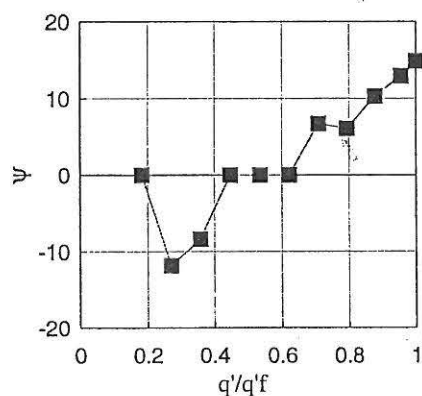
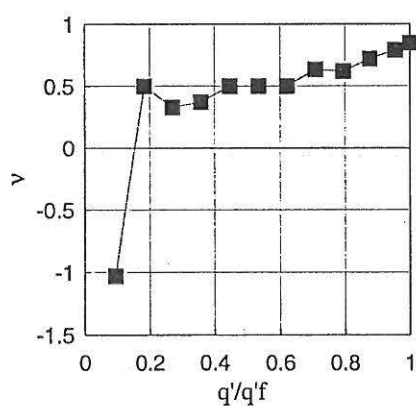


Job:	Blokhuis sand	Encl. No	66
Exc:		Check:	
	HSP, CSS, MJ		FRJ

Description of soil			Before test	At failure
Blokhus sand		Water content %	0	
		Grain density	2.65	
Calibration file	Date	Void ratio	0.542	0.556
		Saturation	0	
Loadtransducer		Dimension H mm	250	
10001	23.04.79	D mm	250	

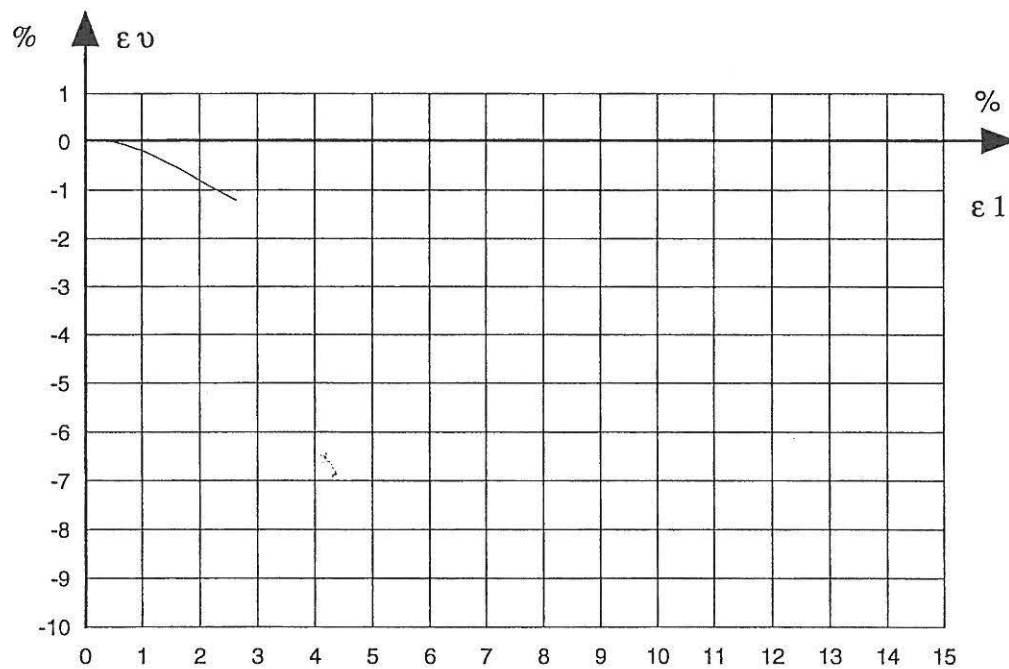
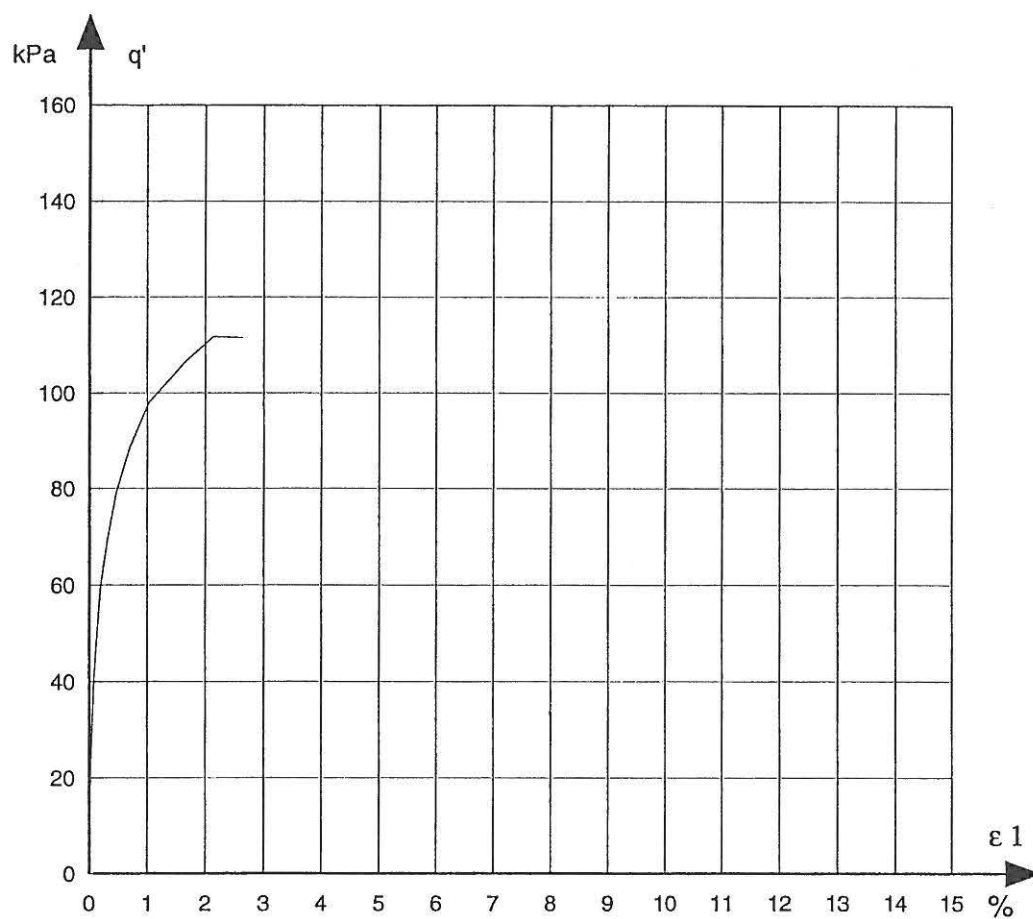
TEST-PROGRAM	Drained compression.		
CD - Triaxial test. free ends	1. Isotropic compression.	σ_3	6.3-38.8 kPa
		ϵ_1	0.03 %
		ϵ_v	0.3 %
	2. Drained compression.		
	Deformation rate:		% ph

	Values at failure	Values for $\Delta \epsilon_v = 0$
Deviator stress q'		69.44 kPa
Mean normal stress p'		61.95 kPa
Confining pressures σ_3		38.80 kPa
Vertical strain ϵ_1		0.30 %
Volumetric strain ϵ_v		0.04 %

[illegible]

Job: Blokhus sand	Encl. No 67
Exc:	Check:
HSP	LB

Remark:
The specimen slipped out before failure.

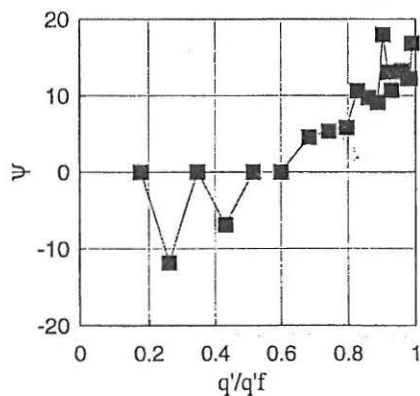
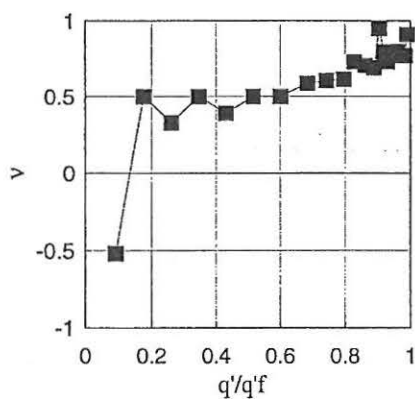


Job:	Encl. No
Blokhuis sand	68
Exc:	Check:
HSP	LB

Description of soil		Water content %	Before test	At failure
Blokhus sand				
Calibration file	Date	Grain density	0	0.588
		Void ratio	2.65	
		Saturation	0.56	
		Dimension H mm	0	
Loadtransducer	26.04.79	Dimension D mm	250	
10001			250	

TEST-PROGRAM CD - Triaxial test. free ends	Drained compression.		
	1. Isotropic compression:	σ_3	12.0-40.0 kPa
		ϵ_1	0.01 %
		ϵ_v	0.1 %
	2. Drained compression.	Deformation rate: 4.6 % ph	

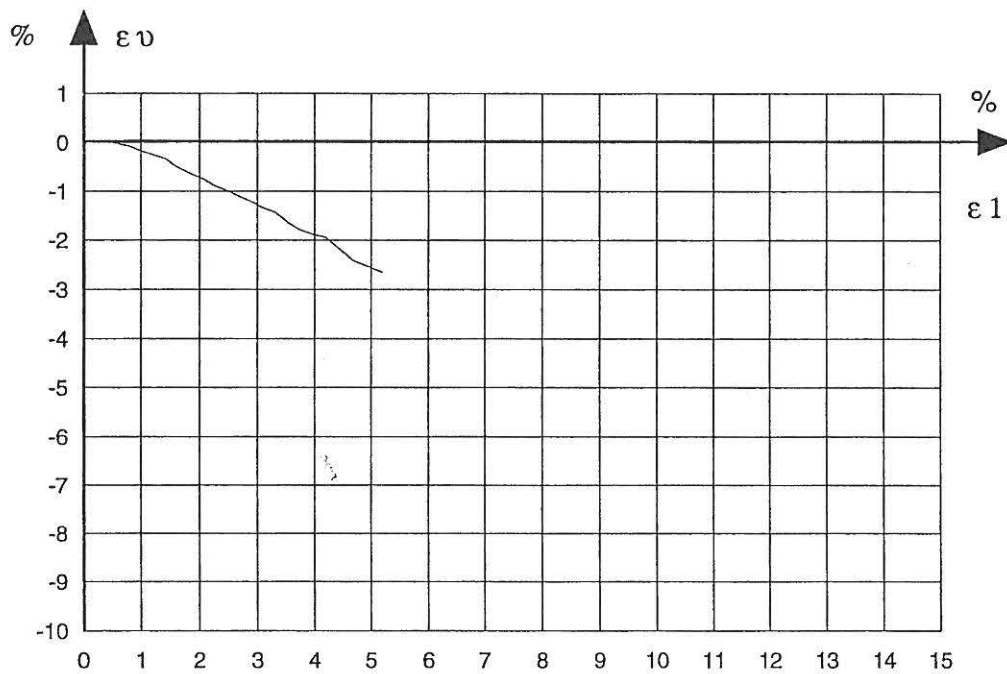
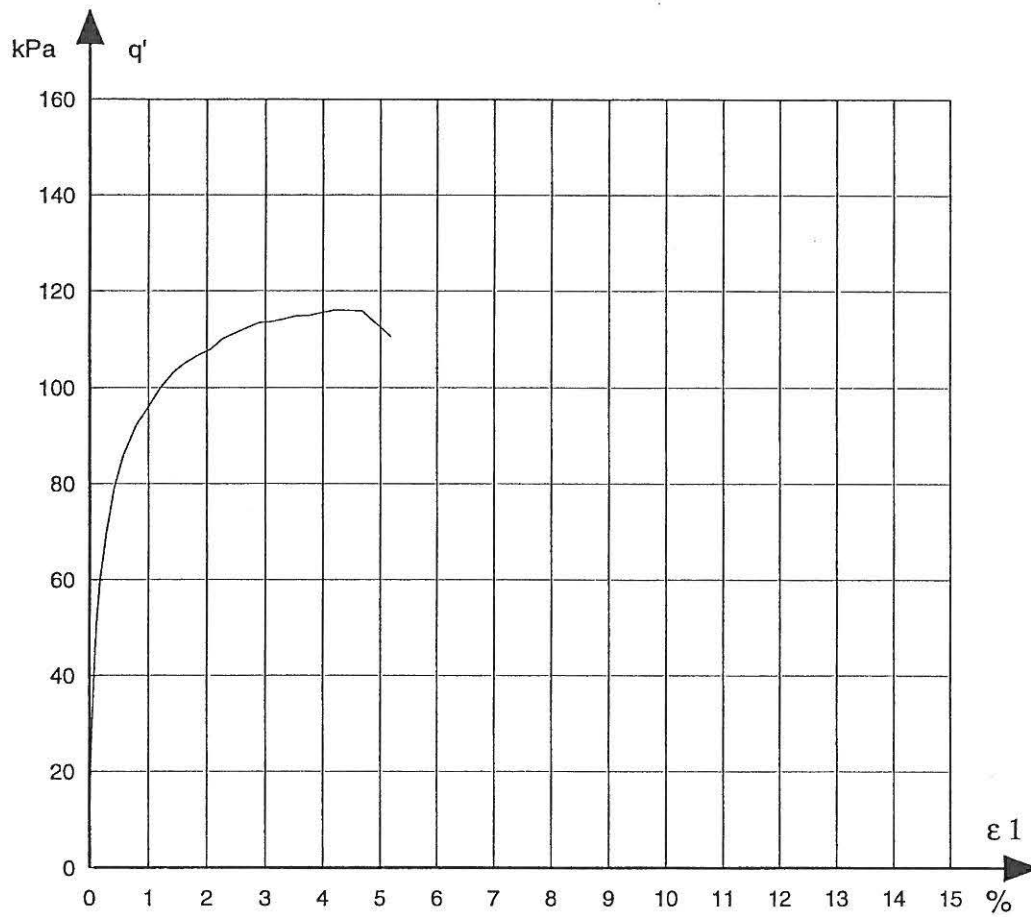
		Values at failure		Values for $\Delta \epsilon_v = 0$	
Deviator stress	q'	116.07	kPa	79.36	kPa
Mean normal stress	p'	77.10	kPa	65.25	kPa
Confining pressures	σ_3	43.00	kPa	38.80	kPa
Vertical strain	ϵ_1	3.75	%	0.42	%
Volumetric strain	ϵ_v	-1.79	%	0.01	%



q'	p'	ϵ_1	ϵ_v
3.90	41.30	0.00	0.00
10.61	42.34	0.01	0.02
20.48	45.63	0.02	0.02
30.34	48.91	0.05	0.02
40.19	52.20	0.08	0.02
50.04	55.48	0.11	0.03
59.87	58.76	0.17	0.03
69.65	62.02	0.27	0.03
79.36	65.25	0.42	0.01
86.08	67.49	0.57	-0.02
92.30	69.57	0.79	-0.07
96.11	70.84	1.01	-0.17
99.92	72.11	1.21	-0.25
103.11	73.17	1.42	-0.33
104.88	73.76	1.60	-0.50
106.60	74.33	1.84	-0.64
107.80	74.73	2.05	-0.73
111.26	75.89	2.48	-0.99
113.39	76.60	2.89	-1.21
114.15	76.85	3.31	-1.43
114.91	77.10	3.75	-1.79
116.07	77.49	4.19	-1.94
110.40	75.60	5.20	-2.66
0.00	0.00	0.00	0.00

Job: Blokhus sand	Encl. No 69
Exc: MJ	Check: LB

Remark:

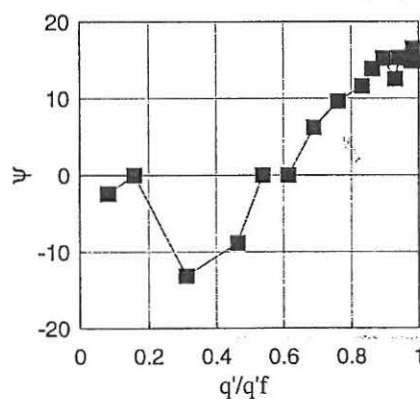
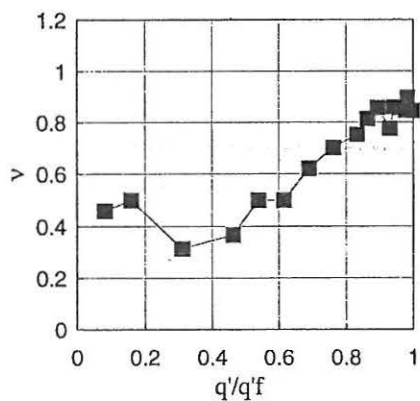


Job:	Encl. No
Blokhus sand	70
Exc:	Check:
MJ	LB

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	0.595
Loadtransducer		Saturation	0.536	
10001	30.04.79	Dimension H mm	0	
		D mm	250	

TEST-PROGRAM	Drained compression.		
CD - Triaxial test. free ends	1. Isotropic compression:	σ_3	8.8-38.8 kPa
		ϵ_1	0.02 %
		ϵ_v	0.02 %
	2. Drained compression.		
	Deformation rate:		5.3 % ph

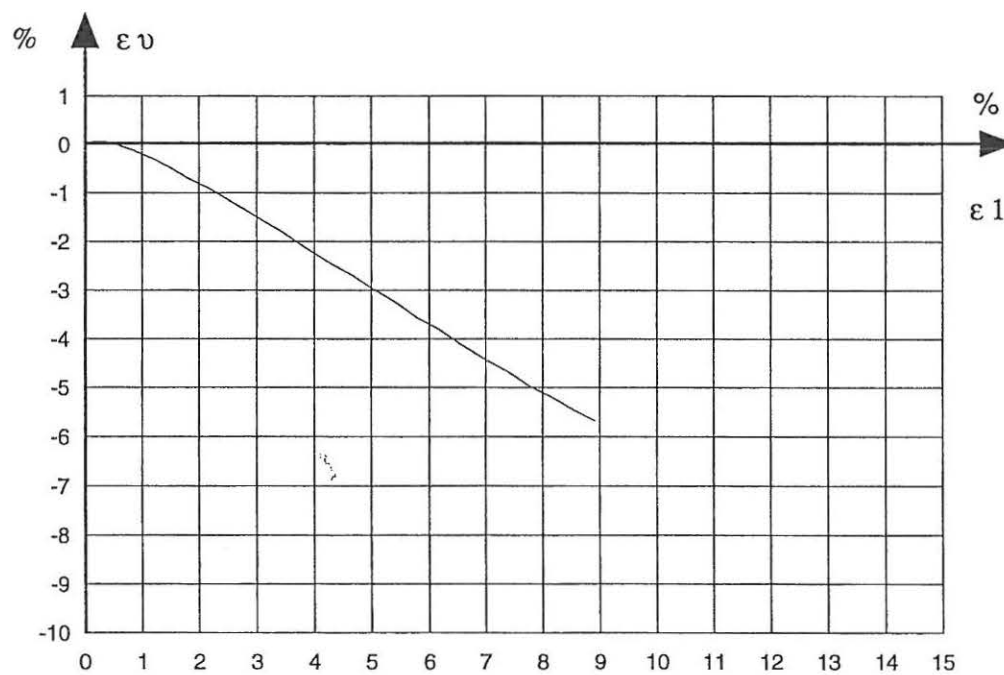
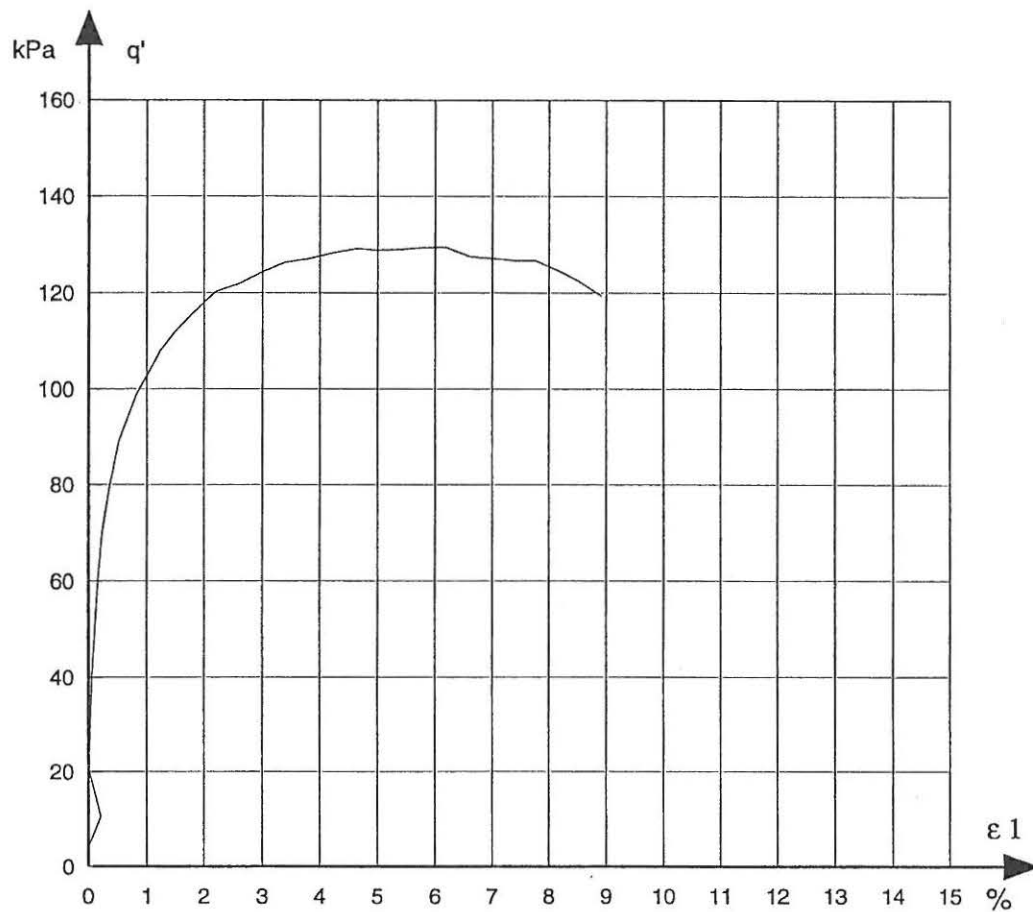
		Values at failure	Values for $\Delta \epsilon_v = 0$
Deviator stress	q'	129.43 kPa	79.46 kPa
Mean normal stress	p'	81.94 kPa	65.29 kPa
Confining pressures	σ_3	38.80 kPa	38.80 kPa
Vertical strain	ϵ_1	6.19 %	0.34 %
Volumetric strain	ϵ_v	-3.81 %	0.06 %



q'	p'	ϵ_1	ϵ_v
3.90	40.10	0.00	0.00
10.59	42.33	0.20	0.02
20.48	45.63	0.02	0.02
40.20	52.20	0.06	0.03
59.89	58.76	0.15	0.06
69.70	62.03	0.23	0.06
79.46	65.29	0.34	0.06
89.11	68.50	0.51	0.02
98.51	71.64	0.82	-0.11
107.62	74.67	1.22	-0.31
111.62	76.01	1.48	-0.47
115.65	77.35	1.79	-0.69
120.26	78.89	2.20	-0.92
121.90	79.43	2.59	-1.21
124.27	80.22	2.99	-1.49
126.39	80.93	3.40	-1.78
127.13	81.18	3.81	-2.10
129.19	81.86	4.64	-2.67
129.06	81.82	5.41	-3.24
129.43	81.94	6.19	-3.81
127.22	81.21	7.00	-4.42
126.75	81.05	7.76	-4.95
122.33	79.58	8.54	-5.46
119.36	78.59	8.92	-5.69

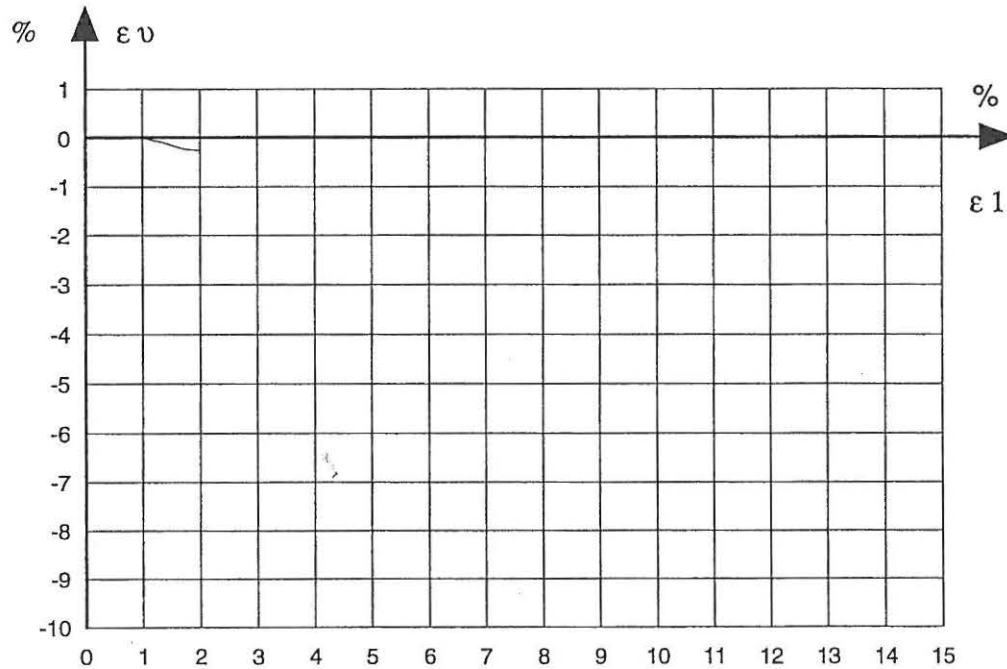
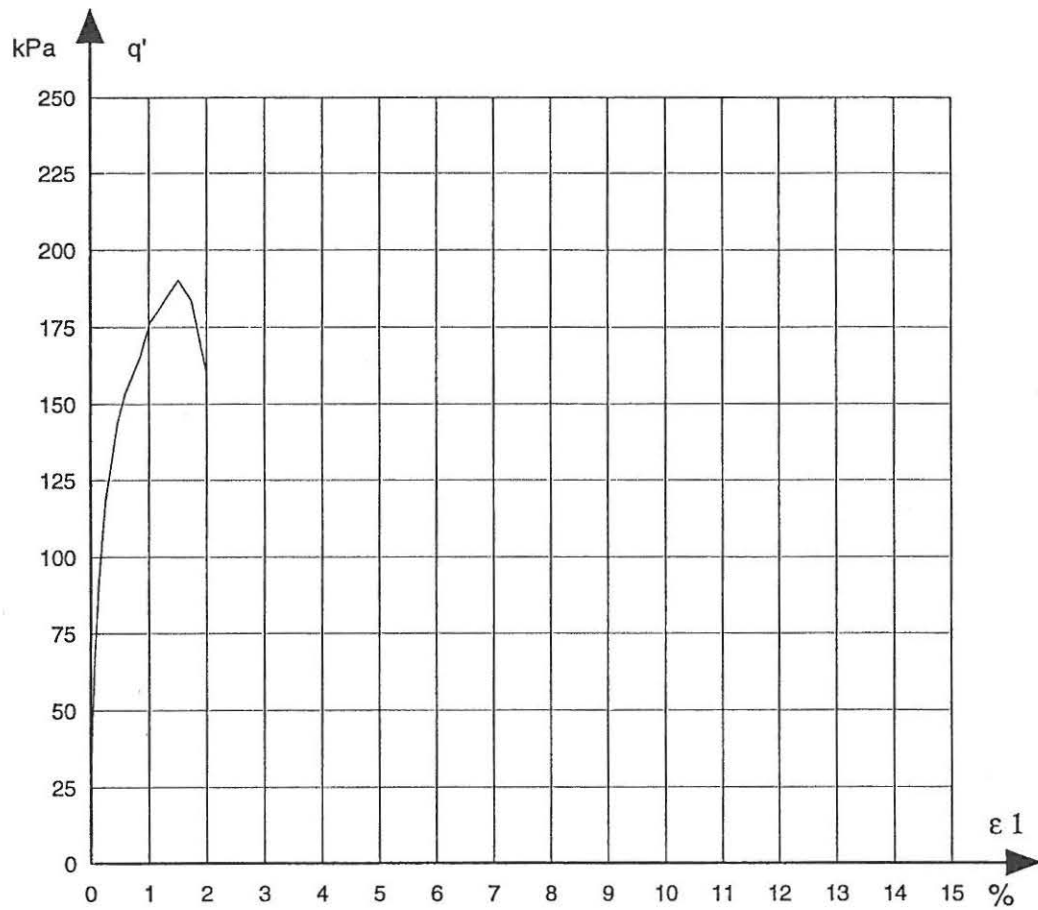
Job:	Encl. No
Blokhus sand	71
Exc:	Check:
CSS	LB

Remark:



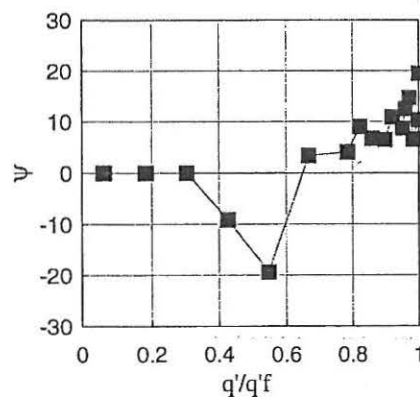
Job:	Encl. No
Blokhus sand	72
Exc:	Check:
CSS	LB

Remark:
The specimen slipped out before failure.

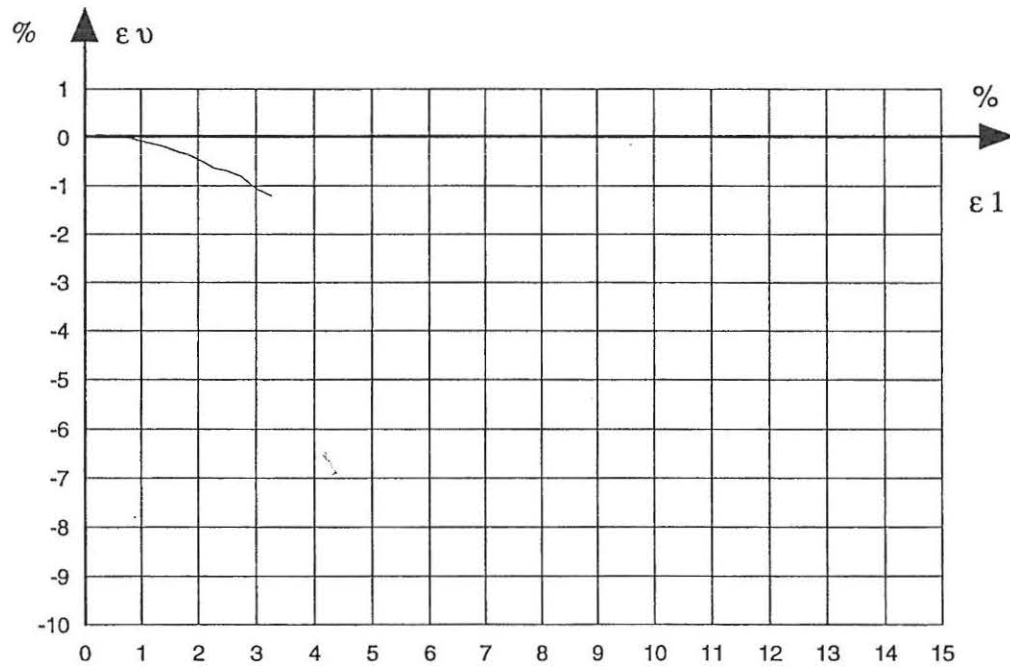
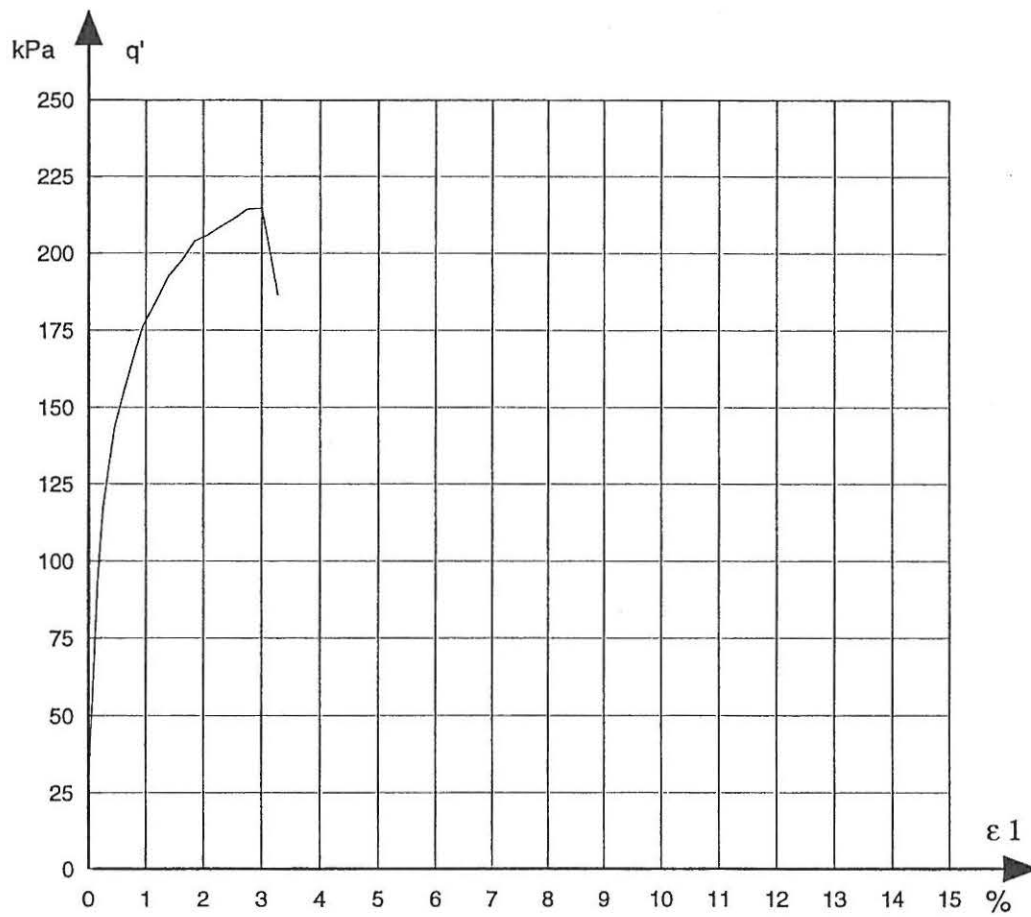


Job:	Blokhuis sand	Encl. No	74
Exc:	HSP, MJ	Check:	FRJ

	Values at failure	Values for $\Delta\varepsilon_v = 0$
Deviator stress q'		117.44 kPa
Mean normal stress p'		117.95 kPa
Confining pressures σ_3		78.80 kPa
Vertical strain ε_1		0.25 %
Volumetric strain ε_v		0.07 %



Remark:
The specimen slipped out before failure.

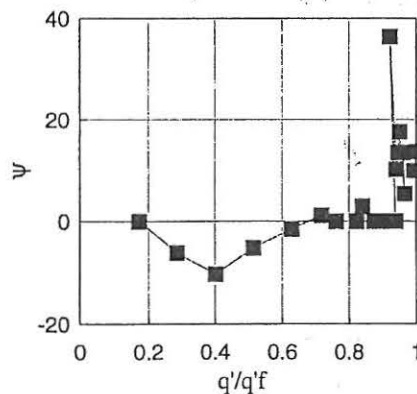
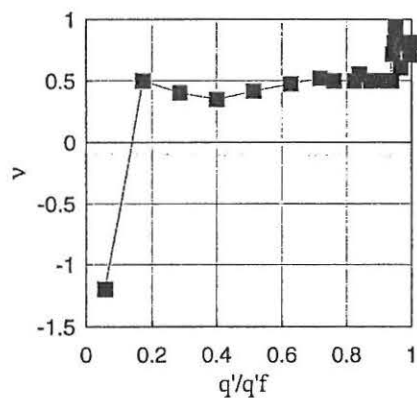


Job:	Encl. No
Blokhuis sand	76
Exc:	Check:
HSP, CSS	LB

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	
		Saturation	0.539	0.558
Loadtransducer		Dimension H mm	0	
20003	14.05.79	D mm	250	
			250	

TEST-PROGRAM	Drained compression.		
CD - Triaxial test. free ends	1. Isotropic compression.	σ_3	8.0-80.0 kPa
		ϵ_1	0.04 %
		ϵ_v	0.2 %
	2. Drained compression.		
	Deformation rate:		4.2 % ph

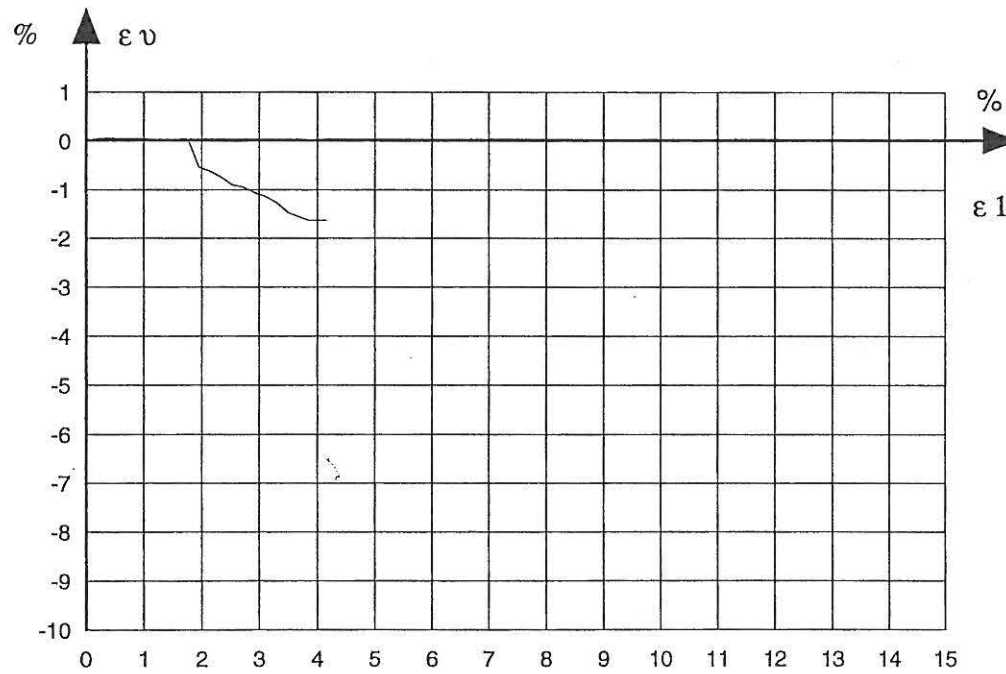
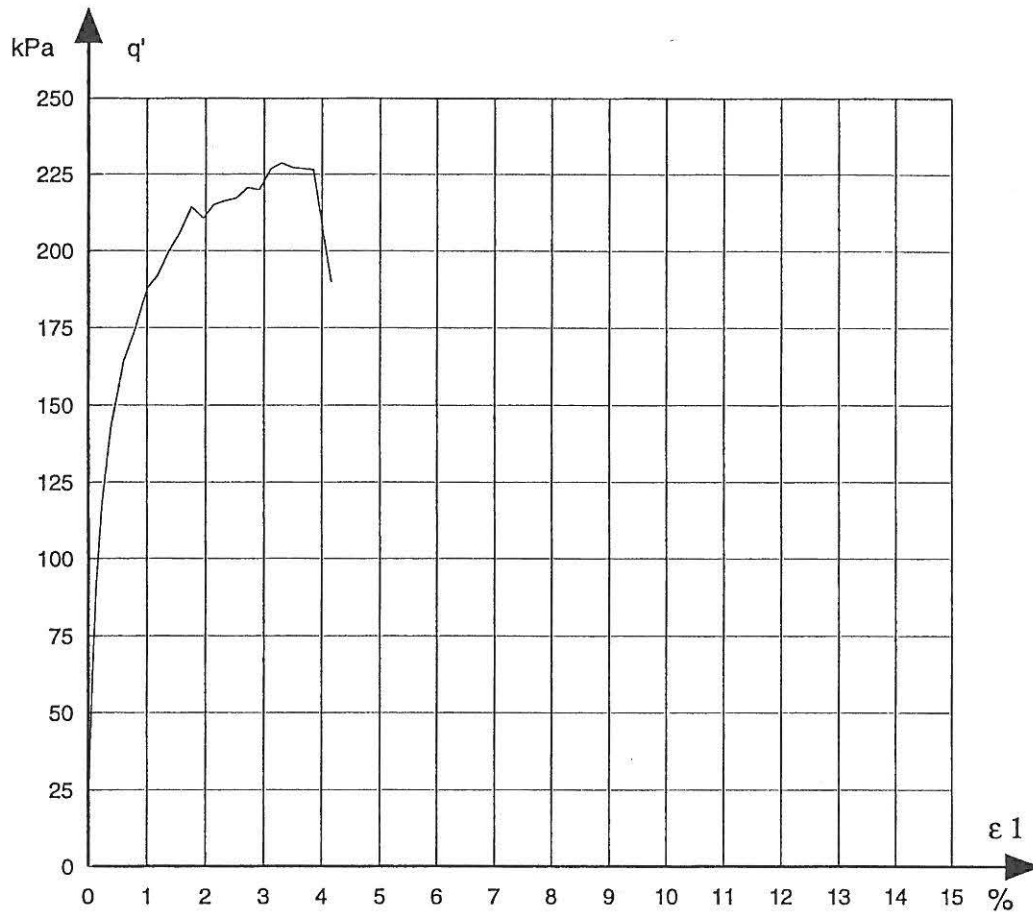
		Values at failure		Values for $\Delta \epsilon_v = 0$	
Deviator stress	q'	228.63	kPa	143.40	kPa
Mean normal stress	p'	155.01	kPa	126.60	kPa
Confining pressures	σ_3	78.80	kPa	78.80	kPa
Vertical strain	ϵ_1	3.31	%	0.39	%
Volumetric strain	ϵ_v	-1.26	%	0.07	%



q'	p'	ϵ_1	ϵ_v
3.90	80.10	0.00	0.00
13.30	83.23	0.00	0.02
39.41	91.94	0.04	0.02
65.49	100.63	0.08	0.02
91.55	109.32	0.13	0.04
117.55	117.98	0.23	0.06
143.40	126.60	0.39	0.07
163.87	133.42	0.59	0.06
173.94	136.78	0.78	0.06
188.01	141.47	1.01	0.06
191.83	142.74	1.16	0.04
199.68	145.36	1.36	0.04
205.97	147.46	1.56	0.04
214.29	150.23	1.75	0.04
210.61	149.00	1.95	-0.53
215.12	150.51	2.14	-0.61
216.44	150.95	2.34	-0.73
217.19	151.20	2.52	-0.90
220.70	152.37	2.72	-0.94
219.98	152.13	2.92	-1.06
226.87	154.42	3.11	-1.14
228.63	155.01	3.31	-1.26
227.21	154.54	3.50	-1.47
226.53	154.31	3.85	-1.63

Job:	Encl. No
Blokhus sand	77
Exc:	Check:
CSS	LB

Remark:
Error during measuring the volumetric strain.

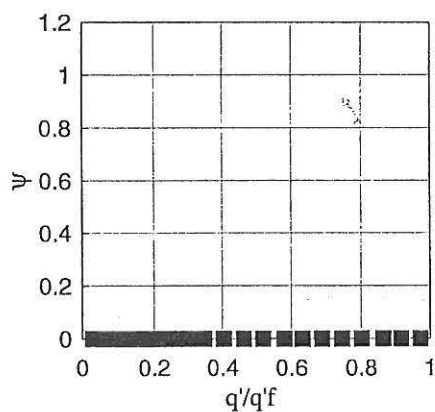
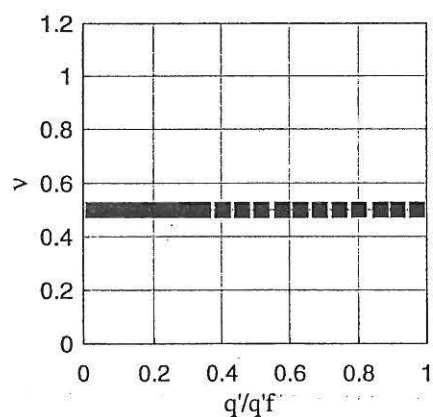


Job:	Blokhuis sand	Encl. No	78
Exc:	CSS	Check:	LB

Description of soil Blokhus sand		Water content %	Before test	At failure
		Grain density	0	
Calibration file	Date	Void ratio	2.65	
Loadtransducer	16.05.79	Saturation	0.546	
2000-2		Dimension H mm	0	
		D mm	250	
			250	

TEST-PROGRAM	Drained compression.		
CU - Triaxial test. free ends	1. Isotropic compression.	σ_3	8-20 kPa
		ϵ_1	0.01 %
		ϵ_v	0.00 %
	2. Undrained compression.		
	Deformation rate:		1.0 % ph

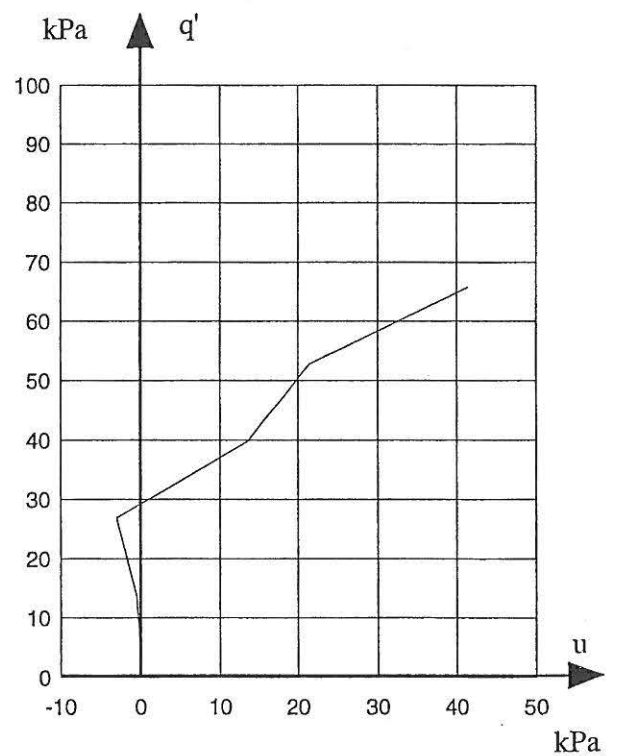
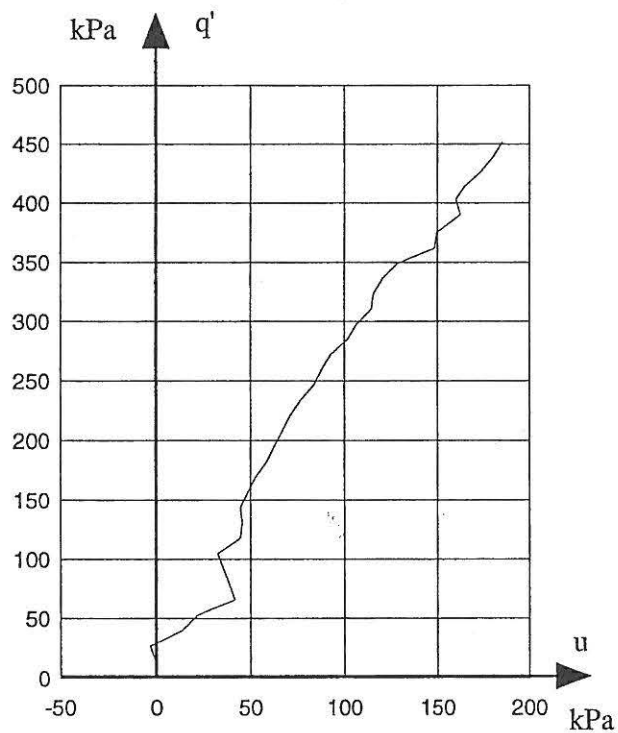
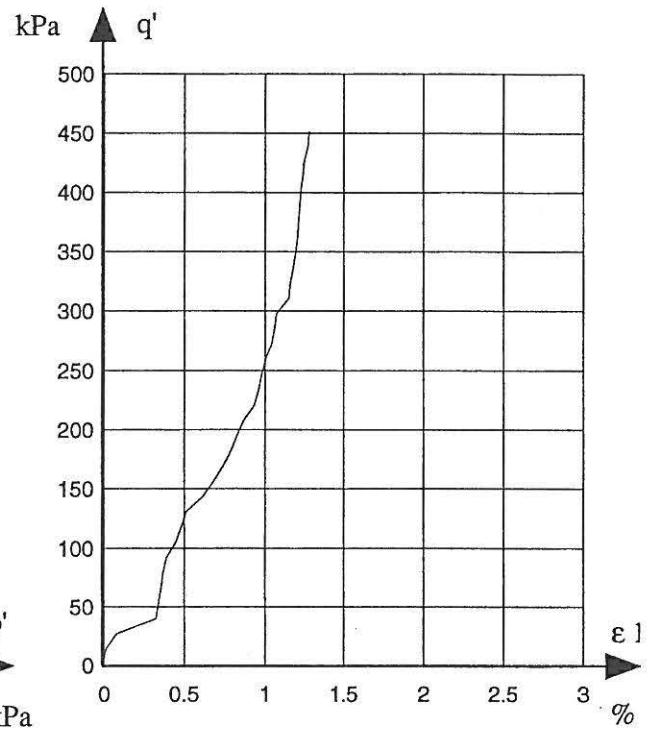
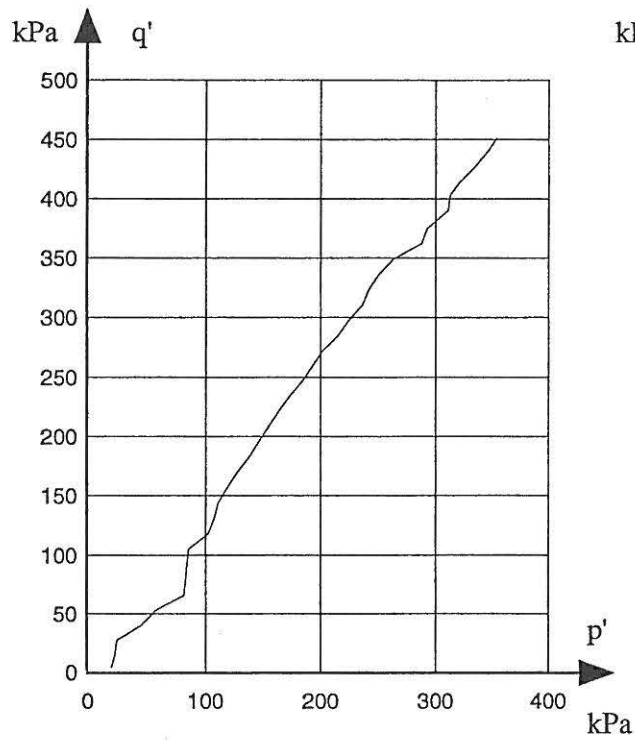
		Maximum values	Minimum values for σ_3
Deviator stress	q'	451.88 kPa	26.86 kPa
Mean normal stress	p'	354.43 kPa	24.25 kPa
Confining pressures	σ_3	203.80 kPa	15.30 kPa
Vertical strain	ϵ_1	1.28 %	0.08 %
Volumetric strain	ϵ_v	0.00 %	0.00 %



q'	p'	ϵ_1	ϵ_v
3.90	19.60	0.00	0.00
13.82	22.41	0.01	0.00
26.86	24.25	0.08	0.00
39.81	45.07	0.32	0.00
52.81	57.40	0.34	0.00
65.81	81.74	0.36	0.00
78.81	83.07	0.37	0.00
91.80	84.40	0.39	0.00
104.75	85.72	0.45	0.00
117.70	102.03	0.48	0.00
130.66	107.35	0.51	0.00
143.50	110.63	0.61	0.00
156.37	118.92	0.68	0.00
182.11	137.50	0.79	0.00
207.85	154.58	0.87	0.00
233.52	172.64	0.96	0.00
261.84	194.08	1.01	0.00
284.95	214.78	1.06	0.00
310.51	236.30	1.15	0.00
336.23	250.88	1.18	0.00
361.93	287.44	1.20	0.00
390.25	310.88	1.22	0.00
413.38	320.59	1.24	0.00
439.02	345.14	1.27	0.00

Job:	Encl. No
Blokhus sand	79
Exc:	Check:
CSS, HSP	FRJ

Remark:



Job:	Encl. No
Blokhuis sand	80
Exc:	Check:
CSS, HPS	FRJ

